ELECTRONIC GOLDMINE

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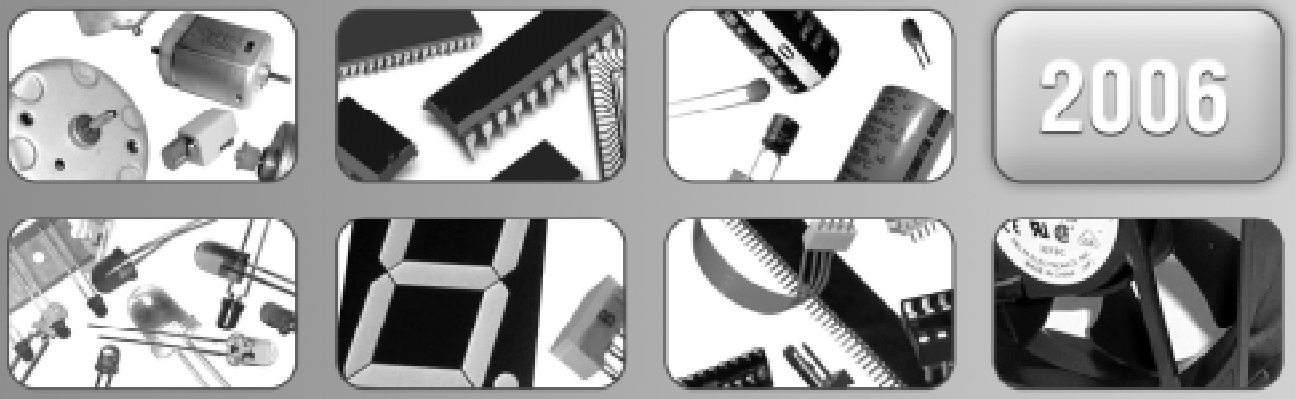
FULL LINE PRODUCT CATALOG



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2006 CATALOG #243

Potter & Brunfield T72MD121–12 12VDC Relay

Potter & Brumfield 12VDC relay for automotive applications features SPDT 20Amp contacts. Coil resistance is 180Ω. Size about .85"L x .61"W x .65"H. Has 5 PC pins.
G15670 $1.29 ea.

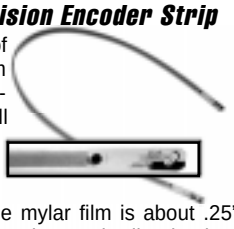
Tyco VF4–11F13–Z06 12VDC 40Amp Relay

Tyco automotive relay type VF4–11F13–Z06 plugs into 4 contact socket. Has one set of SPST contacts that close when energized. Contacts rated 40Amps. Size about 1"sq. x 1"H (excluding terminals).
G15669 $1.49 ea.

JSM1A–12V–5 12VDC Automotive Relay

Made by Matsushita, this relay features a 12VDC coil SPST 15Amp contacts that close when relay is energized. Coil resistance is 225Ω. Size .866"L x .630"W x .646"H.
G15668 99¢ ea.

Photographic Precision Encoder Strip

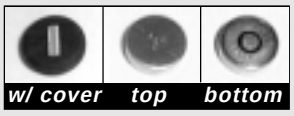


Unusual item consists of a photographic mylar film image of precision encoder lines. The overall length of the strip is about 15.5". The actual encoder image is about 13.5"L. The width of the mylar film is about .25", however, the length of each encoder line is about .15". The lines are so fine we can't tell how many per inch, however the part # is HPMC8952–80005. New, shipped rolled up in a bag.
G15602 99¢ ea.

Long Type Precision Screwdriver Set

This 5 piece set was originally made for one of the best names in tools, however the order was cancelled and we were able to buy them at a great price. These are not the typical junk types that can't even last through one use. We use these here and are impressed with the "hardened" finely made ends. You get a 1/8 x 4", and a 3/32 x 2 1/2" slotted plus a 1 x 4", 0 x 4" and 00 x 2 1/2" phillips head. All 5 have nice black insulated handles with red turning knobs. Bulk packed.
G15596 $5.95/Set

Ultra Thin Cell Phone Microphone



Type ERBSXK1079654 cellular microphone features a removable rubber cover. Size of microphone without the cover is .28"Dia. x .06"Thin. Nice quality –brand new.
G15620 $1.00 ea.

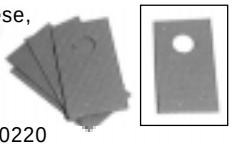
T200 Cell Phone

These appear to be complete but they are either missing something, they are for a different country or something is defective. We put a "SIM" card in and it said insert "correct SIM card". Some of them won't turn on so we are selling them "AS IS". The case appears complete and the phone uses the **G15617** battery we sell (not included). Color is blue and silver. Size about 4.15"Tall x 1.9"W x .86"Thick.
G15619 $4.99 ea.

Heavy Duty Rubber Shock Absorber Mount

Great for equipment that must be shock mounted –this heavy duty mount features a large rubber cushioning shock absorber. Overall size of the diamond shaped mount is about 1.8"L x 1.12"W x .83"Tall. Outside mounting holes are on 1.40" centers. The holes are .18" countersunk. The center hole is threaded for a #8–32 bolt (bolt not included).
G15464 $2.00 ea.

T0220 Thermal Insulator Pad



The last time we had these, they sold out quickly. Consists of a special insulating yet thermally conductive material that you place between the T0220 device and your metal heat sink or chassis.
G15622 5/$1.00

Giant 10" x 14" Peel & Stick Vinyl Reflective Sheet

White 10" x 14" reflective peel and stick vinyl sheet glows a brilliant white when lights from headlights, flashlights, etc., strike it at night. Contains an efficient reflective surface thta can be cut into strips or shapes and applied to just about any clean smooth surface. Great for making nightime safety items or even your own street signs. Brand new with fresh adhesive. Tremendous value!
G15603 $1.99 ea.

Partially Complete T61 Cell Phone

These appear to be complete except for the outer case but we can't be sure. We are selling these "AS IS" only as we have no idea if they are rejects or missing parts. Uses the **G15613** battery we sell (not included).
G15618 $2.75 ea.

Small Cell Phone LCD Display

Small cell phone display is brand new, however we do not know the phone it was designed for. Size about 1.3" x 1.5". This does not have any backlight. It does have a small conductive elastometer connector strip for electrical connection and peel off clear protective film. Sorry, no data available.
G15623 2/$1.00

18VAC 1Amp Adapter

Heavy duty adapter plugs into standard 120VAC wall outlet and puts out 18VAC @ 1Amp. Has three wires inside power cable –two for AC and one for ground. End of leads are tinned as shown.
G15625 $4.95 ea.

Solomon LCD Display

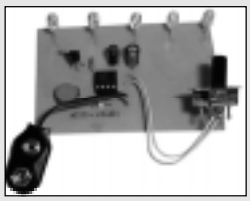
Small PC board with 2 ICs is marked 010611CA, LM2339SGR 97-02400. Size of PC board is 3.3" x 1.74" and the LCD size is 2.71"L x 1.18"Tall. These are brand new with protective film on LCD. Has female 15 pin connector for hookup. We can't find data on this LCD so we are selling them cheap.
G15592 99¢ ea.

Blinding Blue 3 LED Cluster

Designed for a warning light, this cluster has 3 high output blue T1 3/4 LEDs and a built in resistor.Will operate directly from a 9V battery, however for full brilliance, it should be connected to 14VDC. Overall size about .5"Dia. x .5"High (excluding the wire leads). Brand new made by Bright LED Electronics Corp. Blowout price!
G15621 $2.49 ea.

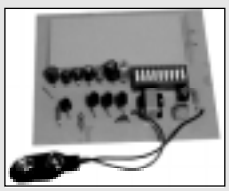
New Kits!

Blinder White Flasher Kit



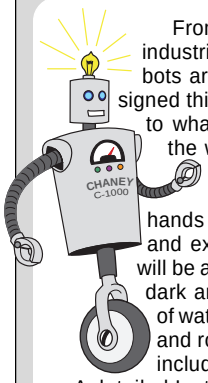
The Blinder White Flasher Kit features 5 bright white LEDs that can flash at a rate from about 80 to 300 flashes per minute. In a darkened room the output is mesmerizing and will definetly be noticed. Operates from one 9V batter (not included) and features IC circuit with on board adjustable speed control. Size of PC board 3 3/8" x 2 1/4". Complete with all parts, PC board, and instructions. Skill Level 2.
C6905 $9.95

Create a Display Flasher Kit

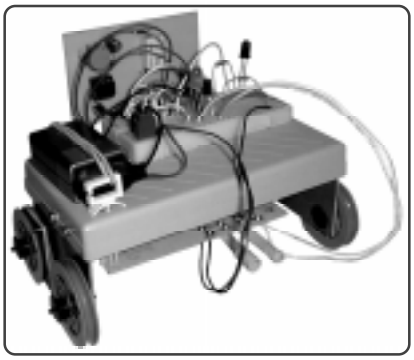


This kit allows you to flash your name, artwork, design etc at various speeds. The kit is very unique and uses a 2 5/8" x 1 1/8" electroluminescent panel (EL panel) that flashes brightly at your choice of speed selected by a dip switch. On top of the display you place a clear piece of transparency film which you can use any permanent marker to write your name, draw a picture, design etc. If you want to change the design just remove the old film and place a new piece of film on the EL panel. Very attractive and can be used to make flashing electronic nametags or desk nameplates. Operates on one 9V battery (not included). Flash speed can be adjusted from about 3 times a minute to a fast shimmering effect. Size of PC board 3 1/4" x 2 7/8". Complete with all parts, PC board, piece of film and instructions. Skill Level 2.
C6906 $10.95

NEW! 26 in 1 Robotics Experimenter Lab



From practical robots to novelty robots, industrial applications to science fiction, robots are a part of our modern life. We designed this course to give you an introduction to what a robot is and how robots sense the world around us. This course is the perfect introduction to the exciting field of robotics because it offers a hands on experience for you as you build and experiment with different robots. You will be able to build a robot that "sees" in the dark and a robot that can sense a puddle of water all while learning about electonics and robotics. A complete list of the robots included with this lab is shown at right.



A detailed Instruction Manual is included with this Lab that contains all of the information that you will need to successfully complete the robot experiments. After the introduction, you will begin to build a basic robotic platform from which all of the other experiments will be based. The robots progress in complexity and each robot is fun to build and operate. Some of the topics covered include: Sensor Technology, Infrared (IR) Vision, Transistor Operation, Integrated Circuits, Relay Operation, Electronic Motors and basic electronic concepts including Ohm's law and component identification.

This lab is completely reusable and each experiment has been thouroughly tested and developed to offer the maximum educational value. Each robot that you will build comes with detailed instructions, illustrations, schematic, wiring guide and theory of operation. All experiements/robots operate on one 9V battery (not included) and use the same robot chasis and relay control board. The relay control board and the optical eye sensor board require soldering for assembly (see C6907 below for a pre-soldered version). All of the nescessary components and wires are suplied along with a reuseable solderless breadboard and detailed instruction manual. This lab will captivate and excite you and is a tremendous educational value. Skill Level 1.

C6890 $59.95 — **Comes with relay and sensor board UNASSEMBLED**

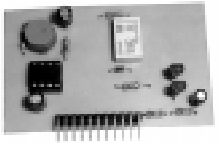
Check out the experiments / learning activities in the 26 in 1. Each one is designed to progress in an easy-to-follow and logical manner. Each experiment explores both meaningful and interesting topics:

INSTRUCTIONAL EXPERIMENTS:
1- Building the Robot Platform
2- Testing the Basic Robot Base, Drive System & Power System
3- Electronic Component Identification
4- Assembling the Relay Control Board & Optical Eye Sensor Board
5- Testing the Relay Control Board & Optical Eye Sensor Board
6- Basic Robot Turns
ROBOT EXPERIMENTS:
1- Direction Changing Desktop Robot
2- "Hollywood Starbot" Light Activating Robot
3- "The Moth" Light Following Robot
4- Nocturnal Explorer Robot
5- Shadow Controlled Robot
6- "The Pirate" Treasure Finding Robot
7- The Dancing Robot
8- "The Nightcrawler" Optional Obstical Avoider Robot
9- Repelled by Dark Surfaces Robot
10- Target Practice Robot
11- Infrared Navigator Robot
12- Infrared RacerRobot
13- Acrophobic Robot
14- Fearless Explorer Table Navigator Robot
15- Phototropic Robot
16- Abracadabra Magic Spell Robot
17- "Night Vision" Infrared Obstacle Avoider Robot
18- The Line Tracer Robot
19- "Mr. Puddle" The Water Detecting Robot
20- "The Wall Flower" Wall Follower Robot

Complete 26 in 1 Robotics Lab with Pre-Assembled Parts

Complete lab as above but with pre-assembled and soldered Relay Control Board and Optical Eye Sensor Board. We solder it for you so that there is no soldering needed for assembly.

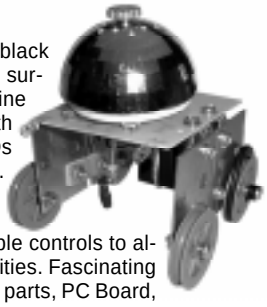
C6907 $74.95 — **Comes with relay and sensor board PRE-ASSEMBLED & SOLDERED**



Relay Control Board

Optical Eye Sensor Board

Chrome Dome Line Tracing Robot Kit



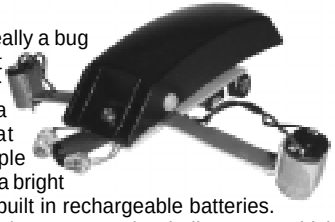
Chrome Dome is a fascinating robot! It can follow a black line (use black tape or a black marker) on a light surface. Not only does it reliably follow the unique "line track" that you lay out for it but it also does it with style. Features colorful brilliant blue and yellow LEDs that flash back and forth as each motor is activated. Uses only one 9V battery for power (not included) and is about 3" square excluding the "Chrome Dome" top. This robot features 4 separate adjustable controls to allow fine tuning of "Chrome Dome's" line tracing abilities. Fascinating to watch, fun to build and operate. Complete with all parts, PC Board, Chrome Dome and Instructions. Skill Level 2.

C6900 $24.95

Roll of 1/2" 100 ft. Long Black Electrical Tape

C7134 $2.00

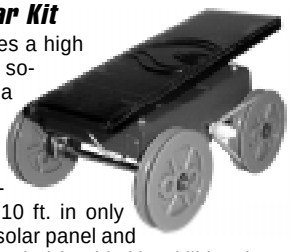
The Unstoppable Bug Robot Kit



The Unstoppable Bug Robot Kit (TUBR) is really a bug with an attitude and an electronic brain. It just can't be stopped! If you put a box, object, or if there is a wall in front of the bug it has a powerful infrared detecting system that "senses" the obstacle and causes its simple brain to change direction. Features 2 motors, a bright red LED eye, a transistor/relay brain and 2 built in rechargeable batteries. Black plastic bug body is approximately 3 3/4" L x 1" W (excluding arms which have small motors attached). Operates on any smooth surface such as a table, floor, desk, etc., when quick charged from a 9V battery (not included). Complete with all parts, PC board, bug body, motors, and instructions. Skill Level 2.

C6902 $18.95

No Soldering Solar Powered Speed Car Kit



Our new Solar Powered Speed Car Kit features a high power 6VDC lightweight 4 3/4" x 1 1/4" silicon solar panel that you attach along with wheels to a 2 7/8" x 2 1/8" body. Has an efficient super speed motor driving 1 1/2" Dia. wheels with a rubber band belt drive. Simple to build and fun to operate. Race others to see who has the fastest car. In full sunlight our test car traveled 10 ft. in only three seconds. Complete with all parts, motor, solar panel and instructions. No PC board and no soldering needed for this kit. Skill level 1.

C6904 $19.95

Night Skater Light Avoiding Robot Kit

This small Night Skater Robot just hates light! Place it on its charging base (requires one 9V battery - not included) and after about 5 minutes turn off the room lights. The Night Skater Light Avoiding Robot waits until its totally dark for about 10 seconds and then it speeds away. Will operate on any smooth surface. If it starts to get away from you, just aim a flashlight at its small CDS eye or turn on the room lights. The robot immediately stops and will not move again until it is in total darkness for about 10 seconds. Features flashing red LED whenever its built in rechargeable battery has some charge in it and a bright yellow LED which lights when it is on the move. Uses one mosfet , a built in rechargeable battery and a small motor. Overall size about 3 3/4" L x 1 5/16" W. Complete with all parts, PC board and instructions. Skill Level 1.

C6903 $17.95

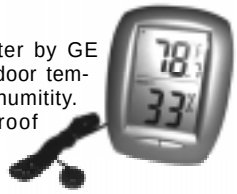
GE SmartHome® Atomic Alarm Clock

Very stylish alarm clock automatically sets time/date daily by receiving a radio signal from The National Institute of Standards and Technology in Colorado. This clock is accurate within milliseconds and it features an alarm with month, date, day, time and snooze button. It even automatically adjusts for daylight savings time. The display features a nice blue glow backlight that you can activate and then it goes off automatically. We really like the alarm sound on this clock - it's loud and you can hit the snooze button for extra sleep. Overall this is probably the best atomic alarm clock made. Uses 2 "AA" batteries (not included - see our **G15406 batteries**). Brand new in retail blister card. Makes a great gift. Silver and grey case.
G15444 $14.95 ea.

GE SmartHome™ Outdoor Lighting Kit

This handy item features a keychain remote control and an outdoor receiver. Simply plug any outdoor lights up to 1000 watts into the receiver and then plug the receiver into an AC outlet. Now from your car, house, garage, basement, etc., you can simply press the button on your keychain remote control from up to 150 ft. away to turn lights on or off. Remote has a built in 12V A23 battery (included). Brand new in retail blister package. Note: if you wish you can buy up to 8 units and set a different code for each (so you can control different areas).
G15434 $17.95 ea.

GE Digital Thermometer/Humidity Sensor



This digital thermometer by GE monitors indoor or outdoor temperature and relative humitity. Features a weatherproof wired sensor that mounts up to 10 feet away from the unit. Temperature range : Outdoor -58˚F to 158˚F / Indoor 32˚F to 122˚F. Includes minimum/maximum temperature and minimum/maximum relative humidity functions. Switchable between Celsius and Fahrenheit. Operates on 1 "AAA" battery (not included). Approximate size of unit: 3 7/8" x 2 7/8" x 5/8" thick. Brand new in sealed retail blister package.
G15448 $8.95 ea.

GE Wireless Thermometer/Alarm Clock

This GE SmartHome™ Wiireless Thermometer/Alarm Clock not only displays indoor and outdoor temperatures wirelessly, it also functions as a full function alarm clock with snooze bar. Has easy to read display numbers and a back light function for night view. Thermometer features high temp/low temp memory for each day (resets at midnight), fahrenheit/celsius button and ice alarm flashing of digits. Sensor unit requres two "AA" batteries (not included). Brand new attractive unit in retail blister package. Makes a great gift!
G15450 $18.95 ea.

GE Family Communications Starter Kit

GE SmartHome™ Wireless Intercom and Handheld 2-Way Radio. Super quality 14 channels plus 38 privacy subcodes per channel base station and small hand radio features up to 2 mile range. Units include call feature, hands-free mode, rechargeable battery in the handheld radio and voice activated wireless intercom. We use these at The Electronic Goldmine to page our warehouse men. These are brand new in a sealed blister package. You get one base station with two built-in recharger cradles and one handheld radio. Great for paging and communication in the home or business environment.
G15521 $34.95 ea.

GE SmartHome™ Mailbox Monitor

Now you can know instantly when your mail has arrived and guard against mailbox tampering. This handy unit consists of a small transmitter that you just peel and stick to your mailbox door. When it detects that the mailbox has been opened it trasmits this indication to the sensitive receiver up to 200ft. away. The receiver alerts you with a chime sound and green indicator light. Base unit comes with an adapter and can be left on all the time. The transmitter of course is wireless and uses one A23 12V battery (included). This complete wireless system is brand new in retail blister package. Easy to set up and provides a very important task in helping guard against mail theft. Off-white color.
G15451 $24.95 ea.

GE Giant Indoor Atomic Clock

GE SmartHome™ Giant Indoor Atomic Clock with Thermometer and Adjustable Alarm. This giant clock is accurate within milliseconds and automatically sets time daily by receiving a radio signal from the National Institute of Standards and Technology in Colorado. Features an alarm with month, date, day and time. Also displays indoor temperature in Fahrenheit. Has large, easy to read 2" high time display digits. Requres 2 "AA" batteries (not included - see our **G15406** alkaline "AA" batteries). Overall size about 7 1/2" x 8" x 7/8". Very attractive chrome, silver and black case. Brand new in retail box. Makes a great gift!
G15454 $19.95 ea.

GE Portable Digital Weather Station

GE SmartHome™ Palm Size Portable Digital Weather Station. Provides time and weather information on the go. Display features temperature, time, date, barometric pressure forecast and trend graph. Great for hikers, bikers, campers, boaters, etc. Compact design includes neck strap. Easy to read LCD display with backlight. This unit even has an audio and visual storm alarm plus a temperature memory function for minimum and maimum temperatures. Compact size only 3 1/2" x 2 1/2" x 3/4". Has built in CR2032 battries. Attractive light blue case. Brand new in retail blister card.
G15445 $19.95 ea.

GE Remote Controlled Wall Switch

GE SmartHome™ Remote Controlled Wall Switch. Control a light remotely up to 150 ft. away by remote control with this handy unit. Consists of a standard outlet box mounting wall switch that you replace your existing switch with and a portable remote control which has a built-in 12V A23 battery (included). You can turn on your light either manually using the light switch you have installed or remotely using the wireless remote. Brand new kit containing both units in a retail blister package. Very simple to install.
G15452 $12.95 ea.

GE Dual Wattage Multinational Travel Converter

Dual wattage foreign voltage adapter/converter converts 220/240VAC to 110/120VAC at 50 watts or 1600 watts maximum. Includes a variety of plugs for use in Europe, Australia, New Zealand, North America, South America, Caribbean, Africa, Asia, Middle East, UK, Hong Kong, etc. Complete with handy carrying case. Brand new in retail blister card. Manufactured by GE.
G15435 $14.95 ea.

GE Light -Sensing Socket

Turn any lamp into an automatic lamp which turns on at dusk and off at dawn. Simple to use, just screw into lamp socket and screw any incandescent bulb up to 150 watts into this socket. Brand new in retail blister package.
G15453 $1.99 ea.

Motion Sensitive PIR Activated Light

Handy light brightens any room as you walk in and turns off again after you leave. Uses a sensitive PIR sensor to activate a C7 size bulb. Plugs into any standard wall outlet (120VAC). Great way to provide light at night in dark hallways, garage, attics, bathrooms, etc. Will not activate during the day even when you walk into the room - so energy is not wasted. Brand new in blister retail package. Made by GE model # PIR3910.
G15520 $7.95 ea.

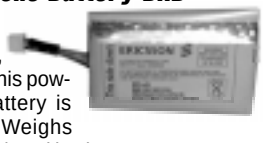
Wireless Digital Thermometer

Brand new wireless digital thermometer by GE model number: GE5805W5. Features and outdoor remote with up to 100 foot range, large easy to read digits, 3 modes: indoor temperature, outdoor temperature and time. The indoor display unit records minimum and maximum temperatures in addition to the current temperature. Temperature range for indoor is 32˚F to 122˚F, for outdoor it is -58˚F to 158˚F (can display in Celsius or Fahrenheit). Brand new in sealed retail package. Requires 4 "AA" alkaline batteries (not included).
G15417 ~~$15.95~~ SALE! $12.95 ea.

T100 Cell Phone Blowout!

These appear to be new, however they could be customer returns and defective. We don't know but we do know that this is the complete phone (w/o battery). It has a slot for a SIM card (not included). We do know that this is a dual band GSM900/GSM1800 phone that has a screen that lights up blue when turned on (when a battery is installed). You can look up full specs on the internet. Compact size only 3.92"L x 1.7"W x .65"Thick. We are selling these "AS IS" only and although they look complete, (except for the battery & SIM card) we are not selling them as a functional cell phone.
G15616 $6.95 ea.

L1–Polymer Cell Phone Battery BKB 193 1051, BST-17

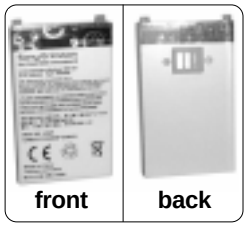


Made for Ericsson T60, T61 series cell phones, this powerful yet lightweight battery is rated 3.6V@800mAh. Weighs only .7 ounces (20 grams) and is about 2.1"L x 1.37"W x .22"Thick. Full capacity new battery. These usually retail for up to $29.95 each.
G15590 $7.95 ea.

Tiny Pressure Sensor

Made by Motorola, these were made to measure pressure ranges that you would find in medical devices (up to 300mm Hg). We are not sure of the exact pressure range spec on this one but it is similar to the MPX2011DT1 or MPX2301DT1 sensors. They all have the same hookup. These are base on piezoresistive technology. The case is the white plastic chip PAK and is only .38"Tall x .26"W x .10"Thick. Has small fitting with a black colored gel inside for mounting to your hose. The size of this fitting is .123"Dia. The sensor is brand new on tape and reel. They are marked with a customer specific number (not the part #). The hookup is pin 1 Vcc, pin 2 + out, pin 3 – out, pin 4 ground. Sorry no other details available but there is schematics, app notes, etc on the internet for similar sensors. Great experimentor item for building pressure sensing or pressure activated devices.
G15473 $1.49 ea.

Sony Ericsson BST–24 Li-ion Battery



Type BST–24 Li-ion battery by Sony Ericsson is rated 3.7V@700mAh. Great for replacement in T200, and T202 cell phones or as a very lightweight powerful battery for ultralight model planes. New in sealed package. *NOTE:* This will not fit the cell phone or cell phone board we have advertised in this flyer. Size of battery 2.08"L x 1.25"W x .25"Thick. These retail for over $21!
G15617 $3.99 ea.

Ericsson BSC–11 NiMH 3.6V 750mAh Battery

Nice rechargable NiMH battery type BSC–11 by Ericsson is rated 3.6V 750mAh. Size about 1.41"W x 2.24"Tall x .43"Thick.These have a small connector on end that plugs into the above cell phone board. Great also for robotics or other applications that require high power and light weight. New in sealed manufacture bags.
G15613 $1.99 ea.

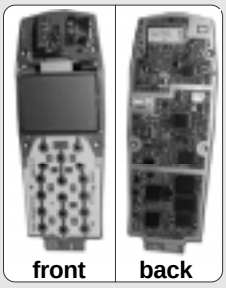
Special Long Cable 15VDC 800mA Adapter

Made to power an item at a long distance away, this adapter has a **31ft. long** flexible cable terminating in a 5.5mm center + female barrel plug. Plugs into standard 2 slot AC outlet and features 15VDC @ 800mA output.
G15689 $4.95 ea.

Zenith ZEV209 Weatherproof Security Camera

Made by Zenith this weatherproof black and white security camera is made for indoor/outdoor applications. Use with any TV of VCR –plug and play. Monitor a garage, playroom, front door, side yard, nursery, etc. Has wide angle lens for panoramic views, fully adjustable pan and tilt (manual), and built in microphone. Comes with 60ft. of cable, power supply adapter, and warning stickers for windows. Brand new in attractive retail box. these retail for $99.00. Zenith quality at a blowout price!
G15588 $29.95 ea.

Cellphone Main Board



Neat high tech cellphone PC board is brand new. When connected to a battery and the "on" button is pushed, green LEDs light up and the screen comes to life. The functions we checked out were "time", alarm, the games "Ballpop", "ERIX", "Emaze" and "Contrary". According to the menu display on the LCD this phone has calandar, phonebook, WAP browser, messeges, shortcuts, etc. It is not a functional phone because there is no microphone, speaker or outer case, and possibly other parts might be missing. It does produce sound through a piezo device on the board. This cellphone board is brand new , however it does not come with the missing parts, there is no battery included and we have no other info. We do know that if you install a battery, you can play games, use the clock and alarm. Great experimentor item. Sold "AS IS" only –no return and please remember that this can NOT work as a cellphone –as we stated it is not complete and we have no info. See **G15613** battery at left.
G15611 $2.99 ea.

Super Quality Spring Grip Needlenose Pliers

These insulated handle needle nose pliers feature wire cutting blade at center and nice needle nose end. Overall length about 5 1/4"L. Has spring return. These are great for bending component leads, and inserting wires into breadboards as the jaws are very nicely made.
G15598 $4.95 ea.

4 1/2" Spring Return Wire Cutter

Nicely made flush cut wire cutter features insulated spring return handles. We use these extensively here at The Goldmine.
G15597 $3.95 ea.

4" x 5" Single Sided Copper Clad PC Board

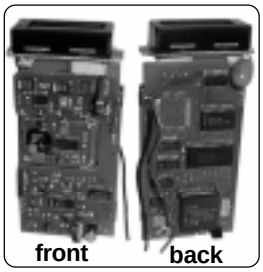
New unetched single sided CEM–3 copper clad PC board material is off white in color. This popular material is similar to FR–4 and is used by many companies in various products. Copper foil is 2oz. Thickness of board .059". May have slight fingerprints which can be removed with steel wool.
G15672 $1.99 ea.

Blue Single Sided 4" x 6" Copper Clad

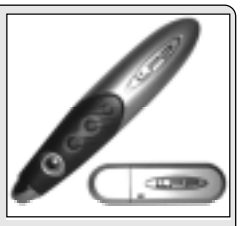
Unique 4" x 6" single sided opaque blue copper clad PC board material. These are unetched and ready to be made into any single sided PC board you desire. Thickness is .042". This material produces beautiful blue PC boards that are unique looking!
G15665 $3.49 ea.

EBerline Digidose® Pager Size Radiation Detector

These are very sophisticated digital readout radiation dosimeters that were made for nuclear power plant employees, health care workers and others that might be exposed to radiation. They displayed on a LCD readout the dose and would chirp to warn of exposure. The small sensor part is covered with black epoxy. The units are well used and we have no information on how to turn them on, etc or even if they work or not, so we are selling them "AS IS". We can tell you that it was designed to use the Saft 3.6V battery that we sell (**G14788**) however you will need to cut off the wire leads on G14788 if you want to use it. The outer case of the dosimeter is metal with plastic and it is scratched up. The size of the case is 3 3/4"L x 2 3/8"W x 13/16"Thick. Our picture shows what the unit looks like when removed from the case (you must remove it from case). No battery included and no information. Sold "AS IS"– no return. An experimentors delight!
G15610 $12.95 ea.



Little Pocket Presenter™ Presentation Remote with Laser Pointer



This is one of the most handy items for anyone giving a presentation! Not only is it a powerful red laser pointer but also it is a full function "next slide, preview and search" remote that works remotely up to 30 ft. away with any computer using the USB port. Small remote/laser pointer is Plug–and–Play, no PC programming or software required. Consists of the small laser pointer/transmitter and a tiny USB remote wireless receiver. Batteries are included so there is nothing else to buy! High quality unit is in a sealed retail plackage. Made by SAMSUNG.
G15491 $19.95 ea.

Maxon 24VDC Gear Motor w/ Encoder

Part # 2140.937–58–236–050 motor by Maxon features a speed of 660RPM at 24VDC. Motor has a Maxon 103935 encoder attached. Overall length of motor with encoder is about 3.64"L. Diameter of motor is about 1.5". Shaft is .25"Dia. x .6"L. Will operate on 9VDC up to 30VDC. Brand new.
G15607 $12.95 ea.

Our Smallest Pager Motor

This is the smallest pager motor we have ever seen. It is only .33"L x .16"Dia. (excluding shaft with weight and removable rubber protector). These can operate from 1.5VDC up to 6VDC, and produce a nice vibration as the weight rotates. You will not believe the size of this motor! Great for making tiny robots.
G15615 $1.99 ea.

Panasonic CR 2354 Lithium Coin Cell

Lithium coin cell battery type CR2354 by Panasonic is rated 3VDC and 560mAh. This is found in many computers for memory backup. With tabs as shown. Brand new. These retail for about $8 each!
G15587 $1.99 ea.

BR2330 Coin Battery

High capacity lithium coin battery is rated 3VDC@225mAh. Made by Panasonic. Has yellow vinyl around outside and tabs for connection.
G15609 99¢ ea.

Ultra Thin Square Piezo Element

Small .63" square by .10"Thick element emits sound from side. These are found in many cell phones. Requires driver (element only). Has 2 tabs for connection.
G15604 99¢ ea.

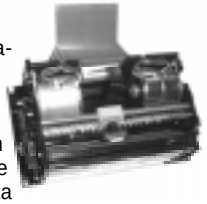
Rietschle Thomas 24VDC Diaphragm Liquid Pump

Industrial type miniature pump is self priming, dry running, oil-less, non-lubricated, has resistent pump materials for aggressive media and is used in laboratory, industrial, hygiene, with chemicals, etc. Specs: operates from 24VDC@.17Amp, 4 Watts, speed: 300RPM, size: 2.1" x 1.2" x 3.1", flow: 400mL/min, working range up to 15mH_20, suction height 6mH_20. Has 2 tiny plastic fittings for input and output. We measured them with a micrometer and they are .16"OD (4mm). Brand new. Rietschle Thomas part# 50020019. Made in Germany. This pump is worth many times our price!
G15584 $21.95 ea.

Ultra Precision MicroMo 3VDC Gearhead Motor

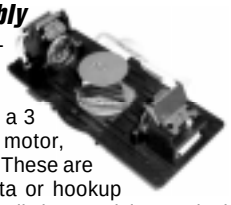
Small precision German made gearhead motor is only 1.24"L x .66"Dia. (excluding shaft). Shaft is .21"L x .08"Dia. and has a slot in the end. We connected this up to one CR2354 coin battery and we could not stop the shaft with our fingers. Gearhead has a 76:1 ratio. Iron core motor is very efficient – current draw at 3VDC was only 21mA. This is the best, high torque gear motor for its size that we have ever offered. Worth much more that our blowout price. Great for making powerful miniature SUMO Robots. Made by Faulhaber MicroMo.
G15601 $24.95 ea.

SEIKO Miniature Thermal Print Head STP211J–192



This miniature printhead features a speed of 46 CPS and was designed for 5VDC operation. Size about 80mm x 47mm x 27mm. Designed for 58mm wide thermal paper. These are new, however we have no data or hookup info so we are selling them "AS IS". The head has 2 stepper motors and various miniature gears. Part# STP211J–192.
G15585 $5.00 ea.

Laser Scanner Assembly



Neat laser scanner assembly from a grocery store checkout scanner. Consists of a visible red laser diode, a 3 sided rotating mirror with motor, various lenses, mirrors, etc. These are being sold "AS IS" –no data or hookup info at all. The value is in all the precision optical parts. Overall size about 9"L x 4"W x 3"H.
G15600 $19.95 ea.

Small "Clip On" Electrec Microphone

Small "clip on" electrec microphone features 3.5mm mono plug at the end of a long flexible cable. Size of microphone is about 1.1"L x .5" (excluding clip). High gain (has built in FET). Brand new!
G14873 $1.99 ea.

TDA1554Q 4 x 11W Single Ended or 2 x 22W Power Amplifier IC

Unique IC made by Philips consists of four seperate 11Watt RMS amplifiers in one 17 pin (DBS17P) plastic package. Operates from to 18VDC. Requires very few external components. Made for car stereo applications. Brand new –Blowout price!
G15478 $1.89 ea.

KIA6216H 15W BTLX2CH Audio Power Amplifier IC

Highly efficient audio amplifier IC type KIA6216H produces up to 15Watts RMS to 2 seperate channels (stereo). Designed for automotive stereo systems. Requires only a few external components. Operates from 9 to 18VDC. Brand new in 17 pin package.
G15527 $1.99 ea.

TDA7240A 20W Bridge Amplifier IC

Compact Heptawatt package IC audio amplifier features 20Watt output. Requires very few additional components. Has only 7 pins. Delivers 20Watt rms into a 4Ω load. Operates from 12 to 18VDC. Brand new –made by ST.
G15612 99¢ ea.

NE531N High Slew Rate Operational Amplifier

Useful Op–amp is a pin for pin replacement for µA748, µA709 or LM101. Features 1mHz small signal bandwidth. Brand new in 8 pin DIP.
G15586 3/$1.00

GBPC2502 200V 25Amp Bridge Rectifier

High quality bridge rectifier by GI type GBPC2502 features 200V 25Amp rating. Size about 1.12"sq. x .30"H. Has center mounting hole and solder terminals.
G15493 99¢ ea.

GBPC2504 400V 25Amp Bridge Rectifier

High quality bridge rectifier by GI type GBPC2504 features 400V 25Amp rating. Size about 1.12"sq. x .30"H. Has center mounting hole and solder terminals.
G15526 $1.25 ea.

NE590N Addressable Perpheral Driver

The NE590N features 8 darlington outputs. The required output is defined by a 3–bit address. This is used in relay drivers, Lamp drivers, Triac Triggers, LED display, digit driver and stepper motor drivers. Standard 16 pin Dip package.
G15599 $1.00 ea.

Robot Wheels

These wheels are designed for larger robots. They can support a tremendous amount of weight yet are lightweight, made from sturdy plastic material. Very nice quality attractive wheels.

Type	O.D.	Tire Width	Bore	WT	Stock	Price
Type 1	3.8"	.91"	.36"	.25lb	G15502	$3.00 ea.
Type 2	7"	1.46"	.50"	.90lb	G15594	$4.00 ea.
Type 3	7 1/4"	.82"	.32"	.35lb	G15595	$5.00 ea.

Ceramic Base Si Photodiode Type S875-16R 4F

We believe this was made by Hamamatsu, however we can not find any S875-16R 4F in their catalog. It is precision made with gold plated leads and an active area of about 10mm x 2.5mm. We tested one in sunlight and it produced an open circuit voltage of .555Volt and a short circuit current of 1.95mA. Overall size 15mm(L) x 2.7mm(W) x 1.5mm (Thick). Each is marked with the full part #, however we do not have any data and we can't be sure it is Hamamatsu so we are blowing them out at a ridiculous price! Brand new- Hurry they will sell out fast!
G15405 $1.99 ea.

Illuminated 10X-18mm Jewelers Loupe

Very handy jewelers loupe magnifies SMD components, PCB traces, etc at 10X power and at the same time lights the item with a powerful white light. Features chrome plated cover, built in long life watch batteries (installed already) and handy push-ON/push-OFF button. Comes in retail packaging with plastic box and tiny screwdriver (to open battery cover if batteries need to be changed). We use these here and they are great!
G15402 $8.95 ea.

Lighted 5lb Telescoping Magnetic Pick-Up Tool

This very good quality tool is so handy and useful. It extends to 25 3/4" from its original 9" size and has a built in bright white LED to make it easy to retrieve metallic objects in hard to reach spaces. Great for working on cars. Nice silver color case with chrome plated magnet, carrying strap and 4 watch batteries. Brand new in retail packaging.
G15386 $9.95 ea.

Small But Loud Wireless Window/Door Alarm

Simple to install unit features peel and stick mounting and a very loud alarm tone when activated. Does not require any external wires (wireless installation). Uses a built in reed switch that is activated by an external magnet that you stick on the movable door or window. If the door or window is opened the alarm emits a loud tone. With built in "watch" batteries (included) and "ON/OFF" switch for activation. Size only 2.9" x 1.7" x .81". New in retail packaging.
G15400 $7.95 ea.

Unusual 12VAC Miniature Fan

Powerful fan by Micronel features a 55mm black plastic blade that looks like a boat prop. Type V6OTL operates from 12VAC, however you need to connect 2 small capacitors (included) from the yellow to red lead. The fan is fairly quiet yet can draw in a good amount of air. We pried the unique 5 blade prop off of one of these and used it to propel a RC boat. Overall size is about 2.17"Dia. x 1.34"High and fan is connected to a 3.11"L mounting plate by way of 2 screws (removable). New- With hookup info.
G15403 $4.95 ea.

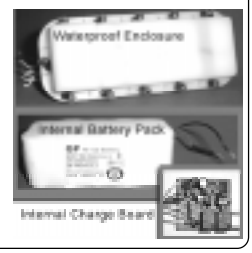
NMB Model 2408NL-05W-B60 24VDC Fan

Nice 60mm sq. x 20mm thick brushless fan operates from 24VDC@.10amp. These are brand new at a Blowout Price!
G15430 $1.29 ea.

Powerful 12VDC Submersible Pump

This is one of the most powerful 12VDC submersible pumps for its size that we have seen. It is only 5" long x 3.25" at largest body diameter. It has two outputs for 5/8" dia. hoses. Great for low voltage or solar powered fountains, streams, garden watering systems, etc. Here is the performance that we observed: at 12VDC @ 1.6 amp the pump can pump 6 gallons per minute (360 gallons per hour) from each output with about a 1 foot height. Its maximum pumping height is 5 ft. (however its output is lower when it has to pump to this height). At 6VDC 850 mA it pumped about 2 gallons (6" of height) per minute. It can operate all the way down to 3VDC@500ma, however its output is much lower. These have about 7" leads that you can connect to. This is a simple design but very effective. Removed from brand new bath spas. This is an incredible value and because of our limited quantity we must ask you to limit your order to 5 of these maximum.
G15563 $8.95 ea.

Fast Charge 12.0V@1600mah Ni-Cad Battery

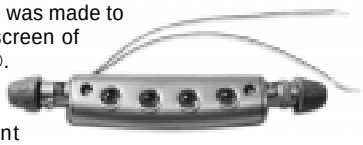


Fast charge GP160SCK10Y6 nicad battery pack is brand new, however it has been mounted inside a waterproof battery box. These were removed from new bath spas that never went to market. You get the waterproof battery box which when you remove 12 phillips head screws (they have red locking glue, however this releases as soon as you start to remove the screw) it comes apart and inside is the battery and a fast charge control board. The battery has a thermal switch taped to it that notified the charge board of battery heat as it charged. The unit was to be used with our **G15566 Adapter** to charge the battery through the internal charge control board within about 1 hour. The battery pack is rated 12.0V@1600mah and is made up of 8 sub "C" size, fast charge nicads. This powers our **G15563 Pump above** at full power for up to an hour. Remember you must remove the battery from the waterproof box (we don't do this). Worth over $10 each just for the battery. Sorry, no data or other hookup info available.
G15565 $6.95 ea.

2.2"Diameter Giant Toroid

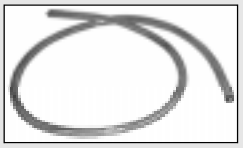
Giant matte black finish toroid is 2.2"Dia. x .86"Thick. Inside diameter is 1.25". Brand new –prime.
G15690 99¢ ea.

Brilliant 4 White LED Bar Light



Orginally this was made to light up the screen of Gameboys®. This assembly consists on 4 brilliant white T1 3/4 LEDs that have internal dropping resistors. The whole assembly is about 4" long x 0.70" wide. It has red and black flexible wires coming out of it that when connected to 5VDC up to 9VDC lights the bar up brilliantly. You won't believe the high quality white light this puts out. The internal circuit board can be removed by taking 2 screws out. These assmblies were removed from brand new Gameboy(R) lighting units and are prime!
G15554 $2.49 ea.

Electroluminescent (EL) Wire



This bright LYTEC (R) EL wire was made by the best manufacturer of EL wire - ELAM. Its bright neon like glow can't be equaled by off-brands. EL wire (electroluminescent wire) requires a driver such as our **G15261 Driver on page 86** or other source of high voltage 80 to 120VAC @ 400 to 4000HZ. Typically the higher the frequency for a given voltage the brighter the wire will glow. The wire consists of an outer plastic coating and in inner phosphorescent material. It has 2 internal wires for hookup and can be cut to any length. It is flexible and can be formed into names, art sculptures, computer lights, car lighting accents, etc. ***NOTE:*** Price given is for a 1 foot piece but it is sold in continuous lengths when you order more than 1 foot (up to 50 ft. maximum).

Outer Dia.	Color	Stock#	Price
2.3mm	Yellow	G15569	$1.25 ft
2.3mm	Red	G15570	$1.25 ft
2.3mm	Aqua Blue* (clear sheath)	G15571	$1.25 ft
2.3mm	Purple	G15572	$1.25 ft
3.2mm	Orange	G15573	$1.50 ft
3.2mm	Lime Green	G15574	$1.50 ft
3.2mm	Bright Green	G15575	$1.50 ft
3.2mm	Aqua Blue* (clear sheath)	G15576	$1.50 ft
3.2mm	Bright Blue	G15577	$1.50 ft
5mm	Red	G15578	$1.70 ft
5mm	Lime Green	G15579	$1.70 ft
5mm	Orange	G15580	$1.70 ft

Our Best Mini Precision Screwdriver Set

This 6 piece set of precision screwdrivers feature spin handles with rubberized grips and good quality precision made tips for tough jobs. You get 3 phillips: 00, 0, & 1 plus 3 slotted: 1.4mm, 2.4mm, & 3.0mm. Set includes handy storage box. We use these here at the Goldmine and are amazed at how well they work.
G15627 $5.95 ea.

Precision Mini Torx Driver Set

This set is nicely made and features 4" long tools (including handles). Each mini tool features a rubberized grip spin handle. You get T10, T9, T8, T7, T6, and T5 torx drivers. These are nicely made and are strong enough for tough jobs. We use them here at the Goldmine and are impressed with their performance. Comes with handy storage box.
G15628 $6.95 ea.

Machine Cord Receptacle

Rated 250VAC @ 10Amps, the receptacle is found in many computers, test equipment, printers, machines, etc. Mounting ears are on 1.5" centers (standard for most of these receptacles).
G15608 2/99¢

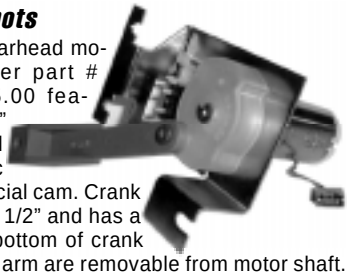
Right Angle Toggle Switch

Miniature PC mounting right angle toggle switch has 2 metal ears with small holes that extend towards front. Contacts are SPDT rated 5Amp @ 125VAC. Size about .5"H x .28"Wide. Part # SP–1 T3.
G15650 2/$1.00

3 LED White Cluster & Reflector

This emits a brilliant white beam of light. Consists of a prewired 3 white LED cluster and a highly efficient chrome plated plastic parabolic reflector with clear lens. These were made for a flashlight and have a grey plastic ring that holds the reflector and lens which can be removed if desired. Has 2 flexible short color coded leads –yellow (+), green (–). Operates from 4.8VDC up to 6VDC directly.
G15654 $3.49 ea.

Buehler Gearhead Crank Motor for Walking Robots



Brand new gearhead motor by Buehler part # 1.61.046.115.00 features a 4 1/2" rust colored strong plastic crank and special cam. Crank arm throw is 1 1/2" and has a 6mm hole at bottom of crank arm. Cam and arm are removable from motor shaft. The motor produces high torque and cam rotates 21RPM at 6VDC or 42RPM at 12VDC. Motor gearbox dia. is 35mm. Motor length (less shaft) is 72mm. Has metal mounting frame with microswitch that operates on and off as the cam rotates. It is rated .1amp @ 125VAC. The size of the mounting frame is about 3.22" x 2.42" excluding ears. Brand new and looks like it would be great for making a medium size, high power walker type robot.
G15626 $29.95 ea.

Small Motor with Pulley

Small DC motor operates from 6VDC up to 18VDC and features a .11"Dia. x .2"L shaft with a .28"Dia. x .22"W pulley. Size of motor about 1.35"L x 1.14"Dia. Made by Mabuchi. Part# RN952Z09.
G15651 $1.00 ea.

Panasonic Alkaline Plus™ "AA" Batteries

Fresh powerful alkaline batteries by Panasonic have a date code of 2008. Standard "AA" size for all electronic applications. Factory box of 24 brand new batteries. These sell for much more than our low low price!
G15638 $12.95/box

CR–1/3N Lithium Battery

Small Li–MN battery is rated 3VDC @ 160mAh. These are found in dog collars, memory backup for computers and other electronic devices. Size .457"Dia. x .425"H. Brand new –recent date code.
G15633 99¢ ea.

Giant Parabolic Reflector

Highly reflective mirror plastic reflector is about 5 3/16" Dia. x 1 5/8"Deep. Has rectangular 1 1/4" x 15/16" hole at base. Great for strobes, light or sound listening devices, etc. These do have slight smudges or fingerprints on the surface, but this does not effect preformance.
G15658 $4.98 ea.

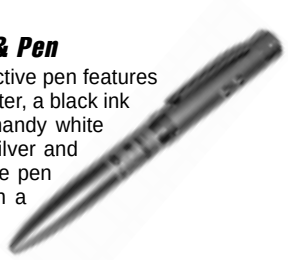
Medium Size 12VDC Motor

Powerful DC motor can operate from 6VDC up to 24VDC. Has small connector for power input. Size of body about 1.9"L x 1.41"Dia. Shaft is .4"L x .12"Dia. and has a white nylon pulley with closely spaced ridges. The pulley has only one keeper edge and can be pried off. The size of the pulley is .30"L x .32"Dia. Brand new.
G15634 $1.00 ea.

IRFP350 400V 16Amp Mosfet

Made by International Rectifier, this Hexfet® Power Mosfet type IRFP350 features a V_{DSS} = 400V, I_D = 16Amp and $R_{DS(ON)}$ = .30Ω. Features T0–247 package that has an isolated mounting hole which makes it superior to a T0–220 package.
G15663 $1.99 ea.

3 in 1 Laser LED & Pen



This unique and attractive pen features a bright red laser pointer, a black ink ballpoint pen and a handy white LED light all in one silver and chrome pen body. The pen isn't much larger than a regular pen but has 2 buttons (one for the laser pointer and the other for the white LED when you wish to locate something in the dark). Brand new with AG3 batteries (included) in attractive retail box.
G15630 $8.95 ea.

FM Scan Radio PC Board and Speaker

This PC board was made for a combo FM radio and flashlight. It is complete with speaker and volume control. There is no knob for the volume control/switch, however it can be tunned on with your fingers. The board features a reset pushbutton and a "scan" pushbutton. Simple to use –just connect 4.8VDC (battery not included) to the red (+) and black (–) leads, connect a 9" piece of wire to the green wire for antenna and you're ready to listen to your favorite FM radio station. Size of PC board about 1.85" x 1.5".
G15657 99¢ ea.

MCR100–3 100V .8Amp SCR

Sensitive gate SCR in the TO–92 plastic package is rated 100V @ .8Amp. Made by Motorola.
G15653 4/$1.00

Attractive Stick-On See-Thru Bezel

Bezel designed for a digital display case. It features a see-thru grey lens part that is 4.3" x 1". Overall size is 5.6"L x 1.6" x .003". This is the perfect way to make a professional finish on an instrument, project, case etc. Simple to use just peel off protective backing and it will permanently stick to any clean smooth surface. Front surface has a peel off protective film when you are finished mounting it. Attractive glossy black frame and glossy see-thru grey window. Brand new.
G15632 $1.00 ea.

Super Strong Adhesive Type 1"Dia. Black Heat Shrink

Super strong heat shrink is used for the toughest jobs. Make strain reliefs, cable stiffners, rigid conduits, etc. with this. Shrinks from 1" down to about 1/2" and features an adhesive coating inside that produces a tough inflexible tube protecting and holding whatever it surrounds. This piece is 4ft long black 1"dia. and must be folded over several times to ship it. New.
G15680 $3.00 ea.

Deluxe Digital Soldering Station

High quality soldering station has adjustable temperature range of 302˚ to 842˚F (150 to 450˚C). Features large LCD display that shows the temperature of the iron and the set temperature. Has stand to hold iron and sponge for cleaning tip. Operates from standard 120VAC and is the perfect soldering iron for the classroom. Our technicians and engineers use this at our company when building and designing the Chaney Kits. It has a comfortable grip, a nice digital temperature control system, and replaceable tip if it should wear out. This soldering station is of course much higher quality than the disposable iron that we sell and is suited for long term use.

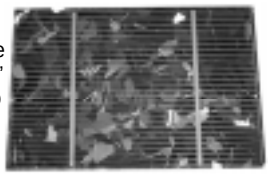
G15643 $89.95 ea.

G15643

Replacement Tip for above:
G15644 $4.95 ea.

G15644

4 1/2" x 3" 1.2Amp Polycrystaline Solar Cell



Powerful polycrystaline solar cell is 4 1/2" x 3" and puts out .42V to .52V open circuit voltage. Short circuit current is about 1.2Amp. These have slight edge chips which do not effect output.

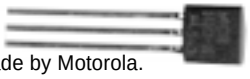
G15646 $2.49 ea.

CTS 50K Audio Taper Potentiometer with Switch

Standard size CTS 50K audio taper potentiometer for panel mount features standard 3/8"Dia. bushing and .54"L x .25"Dia. shaft for knob. Potentiometer is about 1"Dia. and has a SPST push/pull ON/OFF switch rated 5Amp 125VAC (UL TV–4 rating). New with panel mounting nut.

G15677 99¢ ea.

MCR100–8 600V .8Amp SCR



Sensitive gate SCR in the TO–92 plastic package is rated 600V @ .8Amp. Made by Motorola.

G15655 3/$1.00

KIA 6221AH 30W x 2 (Stereo) Amplifier IC

Type KIA 6221AH is a 17pin stereo audio amplifier IC. Features operation from 9–18VDC and power output of 300Watts $_{RMS}$ to each channel with 2Ω load impedance. Features low distortion THD=.04%, low noise and various protection circuits. Requires few additional external components for operation.

G15481 $1.99 ea.

Low Current DC Motor

Small DC motor only requires 35mA @ 3VDC (no load) to operate. Will operate from 1.5VDC up to 9VDC. Size about 1.25"Dia x 1"Thick (excluding shaft). Shaft is standard 2mm Dia. x 9mm Long (.35"L). Has color coded flexible wire leads.

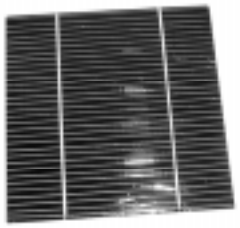
G15659 $1.49 ea.

High Voltage Magneto

made by Phelon for a small engine this magneto could be used in various high voltage projects. Size about 2.13" x 1.52" x 2.18". Has 8" long high voltage lead with "spark plug" connector on end. Sorry, no specs or model #. The only markings we could find were "Phelon 2 176". New.

G15637 $2.98 ea.

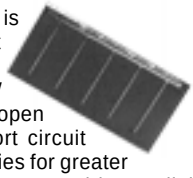
Premium 2Amp Silicon Solar Cell



These are beautiful single crystal solar cells that produce .5V open circuit voltage and 2Amps short circuit current. Size 3.94" square. We were told that these were made by a new continuous molten ribbon process. They appear to be better quality that most silicon solar cells we see. Brand new.

G15645 $5.95 ea.

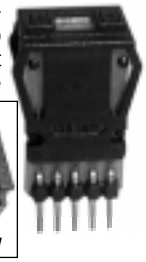
Small Single Crystal Silicon Solar Cell



Nice quality silicon solar cell is easier to solder to because it has solder plated connection points. Size only .81"L x .41"W x .002"Thick. Output is .45V open circuit voltage and 40mA short circuit current. Connect several in series for greater voltage applications or connect several in parallel for higher current applications.

G15649 2/$1.00

Cherry Switch 0–6 Pushbutton



Small pushbutton switch features 2 flush actuator (+) and (–). The switch has positions indicated behind a small window of 0 to 6. Each time you push the (+) lever it increments one digit up and each time you push the (–) lever it decreases by one digit. Has 5 gold plated pins on .1" centers. Mounts by "snap–in" to a .4" x .6" hole in your panel. Brand new but we don't have a part # or spec so we are selling it at a blowout price.

top view

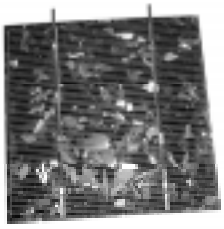
G15656 $2.49 ea.

High Quality Multimec Pushbutton Switch

Nice quality momentary action PC board mount switch by Multimec features SPST contacts that close as long as the low profile red pushbutton is pressed. Features nice "click" sound when button is pressed. As soon as the button is released the contacts open. Size .4"sq. x .25"H (including button but excluding the 4 leads).

G15662 4/$1.00

4.55" square Solar Cell with Tabs



Polycrystaline silicon solar cell is 4.55" square and has an output of over 2Amps short circuit current. Open circuit voltage is .42V to .52V. These quality cells have solder tabs attached to the top of each cell.

G15647 $4.95 ea.

MV104 Silicon Tuning Diode

Dual varactor type tuning diode features high Figure of merit –Q =140(Typ)@V_R = 3.0VDC, *f* =100mH Capacitance range 50pf at 1.5V, 32pf @ 5V, 20pf @12VDC. Common cathode type dual diode. Plastic T0-92 case. This is used in many FM radio tuner circuits.

G15652 99¢ ea.

IRFPF50 900V 6.7Amp Mosfet

Powerful high voltage Hexfet® Power Mosfet by IR features 900V V_{DSS}, $R_{DS(ON)}$ = 1.6Ω and I_D = 6.7A. Standard T0–247 package. Power dissipation 190Watts. Made by International Rectifier. Check out our price!

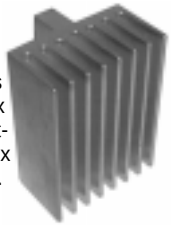
G15499 $1.49 ea.

4.8V 2/3 "AAA" Rechargeable Ni–MH Battery

Nice quality compact 2/3 "AAA" rechargable Ni–MH battery is rated 4.8V @ 300mAh. These were made to power a "crank" type 3 LED white flashlight/radio. They were removed from brand new units and have 2 1/2" flexible color coded leads. Size of battery 1.6"L x 1.15"W x .4"Thick.

G15639 $1.99 ea.

Massive Solid Aluminum Heatsink



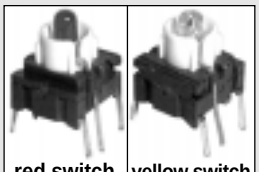
Anodized aluminum heatsink is about 2.45"L x 1.84"W x 1.48"High. It is shaped like a letter "T". The base plate has six threaded holes for 4-40 screws.

G15636 $2.00 ea.

LED Light Pushbutton Switches

Momentary contact PC mount pushbutton features SPST contacts which close as long as you push the outer "white ring" down. When you release it the contacts open. In the center is a T1 (3mm) bright LED which can be removed if desired before you solder the switch in or used as an indicator. These are brand new but we did not get the decorative "top lens caps" so we are selling them cheap. Size about .4"sq. x .5"Tall (excluding the 4 leads). Made by Multimec of Denmark.

G15660 Red LED Switch 5/$1.00
G15661 Yellow LED Switch 5/$1.00



red switch yellow switch

Solar Garden Light

This environment friendly product features a built-in .35 watt solar panel which charges a ni-cad battery pack during daytime. At night the Solar Garden Light illuminates with a bright yellow 4500MCD luminous intensity LED. According to the instruction sheet the light works for up to 8 hours at night after a full sunshine daily charge. These are brand new recently manufactured and consist of the top dome electronic/light unit plus several push together round stakes that form the pole that you mount the dome on. No wiring or complicated installation. Just set it up and that's all - it works automatically. Overall diameter of top of dome is 6". Maximum height to top of dome about 12" (excluding part of stake that goes into the ground). Black case.
G15439 $9.95 ea.

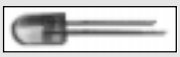
Lightweight 6VDC Powerful Solar Panel

This 4 3/4" x 1 3/4" x 3/16" Thick solar panel features a sturdy plastic lens enclosure and an output of 6VDC open circuit voltage and a short circuit current output of 100mA. Has 2 solder tabs with 3" long insulated leads attached. This solar panel can charge many PDA batteries, operate small robots or small solar cars. Weighs only 27 grams. Great experimentor item!
G15555 $8.95 ea.

6VDC 3RPM Gearhead Motor

Powerful gearhead motor can operate from 4VDC up to 18VDC. It has very high torque and has a .2" dia. x .39"L "D" shaft. Overall size about 2.43"L (excluding shaft) x 1.3" dia (at maximum dia. at gearhead). The rated speed for these is 3RPM at 6VDC with a no load current of 75mA. At 12VDC the speed is 6RPM. Gearhead has 3 tapped holes for mounting. Brand new.
G15492 $12.00 ea.

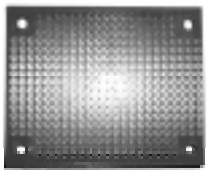
Brilliant Blue T1 3/4 LED



Super brilliant nice quality blue LED features a see-thru blue lens and operation from 3.8VDC. These produce a nice bright blue light. Special Blowout Price!

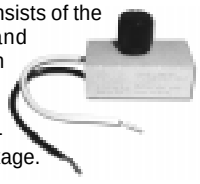
G15529	99¢ (pkg of 3)
G15529A	$25.00 (pkg of 100)
G15529B	$180.00 (pkg of 1000)

Prototype PC Board



Handy prototyping PC board consists of a 1.9" x 2.3" circuit board with 378 holes each surrounded by its own copper pad. Makes prototyping small IC circuits a snap. Holes are on .10" centers to simplify component mounting. Phenolic board material.
G15559 $1.79 ea.

200 Watt Universal Dimmer Control



Complete universal dimmer consists of the dimmer module, wire nuts and black control knob. For halogen or incandescent lamps up to 200 watts. Made for standard 120VAC. Has simple hookup directions. Brand new - retail package.
G15461 $2.00 ea.

2 Channel 2 Station Wireless Intercom

These are super quality 2 channel, 2 station wireless intercoms made by Southwestern Bell. Ideal for baby's room monitor or communicating anywhere in your house. Features lock, call and talk buttons. Uses standard AC house wiring to transmit FM signal (no wires needed). Simply plug units into respective wall outlets. New in retail boxes.
G15530 $19.95 ea.

Compaq 24VDC 750ma Adapter

Heavy duty AC adapter plugs into standard 120VAC outlet and features 24VDC @ 750ma output. Has 5.5mm female barrel plug center (+) 2.6mm. Manufactured by Compaq.
G15537 $2.95 ea.

Heavy Duty 14VAC 1220ma Adapter

Heavy duty adapter plugs into wall and features an output of 14VAC @ 1220ma. This was designed to charge a portable high power bath spa. The adapter is brand new in original manufacturer bag. Note: if you want to use this to charge our **G15565** battery you must rectify the output since this is an AC not DC adapter or use it in conjunction with the charge control board that comes with the battery pack (however we don't have hookup data). See **G15567** (below) for female jack that matches the output plug on this adapter.
G15566 $3.99 ea.

Female Outlet Jack

Female outlet jack for the **G15566** AC Adapter (above).
G15567 99¢ ea.

1/4"Mono Jack with Switch

Standard 1/4" audio mono jack features a N.C. switch that opens when plug is inserted. Has PC mounting legs and threaded end for panel mounting. Comes with nut.
G15557 2/$1.00

150 watt Floodlight Control - Dusk to Dawn

Simply screw this special adapter socket into your regular floodlight socket, then screw a 150 watt floodlight bulb into this socket and you will have an automatic light which comes on each night and goes off each morning. Unit is designed to save energy and will decrease light output 20 to 25%. New, with complete instructions.
G15459 $1.79 ea.

300 Watt Outdoor Light Control

This outlet wall plate type control turns 300 watts of lights on at dusk and off at dawn. Use with any incandescent bulbs up to the rated wattage. Plate mounts to any standard outlet box and has a weatherproof gasket. Comes with wire nuts for quick installation. New.
G15460 $3.99 ea.

Stylish Black Project Box

Stylish textured finish black plastic clam shell box features 2 end panel inserts and 2 included screws to close up box. Size about 5 1/4" from front to back, 5" wide and 1 1/2" high. Brand new - very deluxe quality.
G15490 $7.95 ea.

3.5mm Stereo 6 Ft. Audio Cable

Nice quality flexible stereo 3.5mm to 3.5mm audio cable typically used to connect a speaker to a computer. The cable is 6 ft. long. Brand new.
G15449 99¢ ea.

Car Audio Crossover by a/d/s

Medium size crossover made for car audio application features a barrier block marked IN+, IN-, W+, W-, T-, T+, IN-, IN+. It has 2 switches: one marked "Demo/Car" and one marked "Low, Mid, High". Size about 3 1/2" x 4" x 1 1/2". Brand new with case but no other info.
G15443 $1.99 ea.

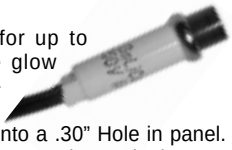
Set of 5 Banana to Banana Flexible Cables

Made for interconnecting equipment these heavy duty yet extremely flexible cables are terminated on each end with a standard male banana plug. Length of cable is 3 ft. Made by H H Smith so you know how good the quality is! Remember you get 5 seperate cables - all red in color.
G15532 $5.00/Set of 5

Non Insulated Locking Fork Crimp Terminal

Non insulated locking spade fork metal terminal by Thomas & Betts. Model #B14-6FL is made for 18-14 AWG wire. Spade fork is made for use with #6 bolt. Full Factory Box of 100 terminals.
G15477 $4.00 ea.

Red Push In Indicator



Nice red indicator rated for up to 250VAC produces a nice glow even at 120VAC. Built in resistor and neon lamp. Mounts by simply pushing into a .30" Hole in panel. Has 15" leads terminating into spade terminals.
G15682 99¢ ea.

Keychain Torpedo Red LED Light

Small clear case keychain light features clear torpedo shape and giant 10mm red LED that lights up when button is pressed. Operates from 2 small watch batteries (included).
G15558 99¢ ea.

MOC3031 Optoisolator

The MOC3031 device consists of an infrared emitting diode coupled to a detector performing a zero voltage crossing bilateral triac driver. Simplifies logic control of 115VAC power. Rated 250V. ITSM = 1Amp. Plastic 6-pin dip package.
G15531 3/99¢

Figaro Gas Sensor

Miniature gas sensor by Figaro is only .32"Dia x .5"Tall (excluding the leads). It has four gold plated leads and a fine mesh screen on top. We are not sure of the type of gas it detects but this is what is marked on the sensor: on the top it is marked Figaro 2440 and on the side B4 RS15. We think it is carbon monoxide but we have no specs or hookup information available so we don't know. The internet has Figaro product catalogs that will show you the connection of the 4 leads. New, but sold "AS IS" only.
G15440 $4.95 ea.

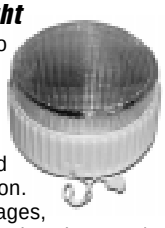
100 Contact Female Edge Connector

Female connector features dual 50 gold plated contacts (100 total). Each contact is on standard .1" centers and the connector is made for standard .059" circuit boards. Part# CPH 7000-100 CST. Overall length of connector including mounting ears is 5.8" (designed for a 5" board). Has 100 gold plated .2"L pins for connection.
G15635 $5.00 ea.

Large Push On/Push Off Multipurpose Light

Push on/push off white case light is operated by 4 "AA" batteries (not included) so it requires no wiring. Easily installs in closets, boats, RVs, sheds, garages, basements, attics, etc. Provides a nice bright diffused light. Size about 5" dia. x 2 1/2" thick.
G15457 $2.49 ea.

Battery Operated Closet Light



Handy closet light operates from two "D" batteries (not included) and features a mounting plate that you first attach to your closet with screws. The light attaches to the plate and features a "pull cord" to turn on and off. No wiring or costly installation. Great for sheds, basements, garages, workshops, boats, attics, RVs, etc. Size about 4 1/2" dia. x 2 3/4" thick. White case with clear diffusion lens.
G15456 $2.79 ea.

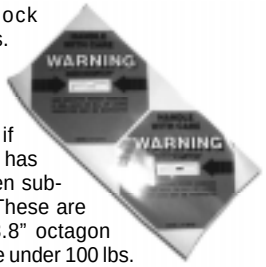
High Speed 120VAC Hobby Drill/Grinder

Variable speed 120VAC hobby drill/grinder features speed adjustment control for 8000 to 30,000 RPM. Has standard miniature size chuck for all 1/8" dia. shank drill bits, router bits, grinding stones, etc. These are brand new in retail blister package. Includes only the Hobby Drill/Grinder - no tools, bits or wrench included. Size about 9" L x 1 7/8" dia.
G15519 $14.95 ea.

20K Multiturn Trimmer Potentiometer

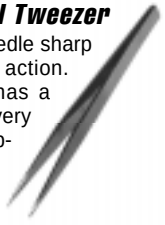
Linear taper precision 20K trimmer potentiometer type 89PR20K by Bi technologies™ is grey in color. Features 3 PC pins and end slot for resistance adjustment. Size about .75"L x .20"Wide x .25" High.
G15641 $1.00 ea.

Shock Sensing Warning Labels



SHOCKWATCH® Shock Sensing Warning Labels. These unique peel and stick labels contain a small indicator vial that permanently turns red if the box or product that it has been placed on has been subject to rough handling. These are brand new bright red 3.8" octagon labels rated for a package under 100 lbs. dropped from 12" to 24" height. Other factors that impact sensitivity of activation is the cubic size of the package. These labels are new, unused. We have shown in the picture one label that has been activated, however the labels you receive will not be activated. Regular price is over $2 each in large quantities.
G15564 2/99¢

Precision Super Sharp Steel Tweezer



This 5" long tweezer features a needle sharp point on end and very precision action. Made from stainless steel that has a brushed finish these tweezers are very nicely made. Great for almost any application. We use them when working with tiny SMD parts! Brand new.
G15561 $3.00 ea.

YUASA Sealed Rechargeable Lead-Acid Battery

YUASA NP3-6 6V 3.0Ah sealed rechargeable lead-acid battery. This is one of the most popular reliable 6V lead acid batteries around. This battery is found in all types of equipment. Rated 6V 3.0Ah, the batteries we have are new, full power units. They were to be installed into a product so the manufacturer placed 2 strips of "hook and loop" fastener material on one side, however this doesn't effect the battery and it probably could be peeled off (however the adhesive is strong). This battery sells elsewhere for up to $30 each. Remember these are original YUASA not "off brand" batteries!
G15560 $9.95 ea.

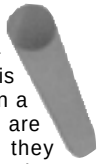
14 Segment Front Surface Mirror Disk

Large 3 1/4" dia. x 3/16" thick disk features a .60" dia. hole in center and 14 front surface morror segments (each .70"L x .20"H). These were removed from supermarket checkout scanners and they functioned to "chop" the laser beam up as they rotated. Made out of a solid piece of what looks to be aluminum. Highly polished mirror segments, however may have a few minor scratches (does not affect performance).
G15470 $2.49 ea.

Lighted Safety Goggles

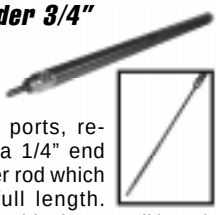
Handy safety goggles feature two small white lights on either side to light up your work while providing protection for eyes. Each light has an individual on/off switch and each light has built in battery. Lights are tilt adjustable and safety goggles are adjustable. Brand new ready to go in retail package.
G15640 $8.95 ea.

Erbium Laser Rod



This laser rod was made for the military for use in a laser rangefinder. It is an Erbium doped laser rod for use in a flashlamp pumped laser. The ends are polished and AR coated, however they may have tiny scratches or chips in them so we are selling the rod "AS IS" only. The size is 50mm (long) x 3mm (diameter). Pale green is color. This rod is great for experimentation or classroom study. Very rare - these cost the government a fortune. Sorry, no data, specs, or manufacturer name available. ***NOTE:*** *We can not export this rod out of the United States.* ***No exceptions.*** Hurry, limited supply!
G15397 $19.95 ea.

Giant Bimba Air Cylinder 3/4" Bore 14" Stroke

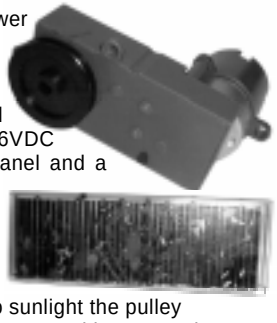


Part #D-31518-A Bimba air cylinder features double acting, 1/8 MPT ports, requires 250 psi and has a 1/4" end threaded 14 1/2" long inner rod which can extend almost its full length. When the rod is retracted inside the overall length is 17 3/4". Has a 5/8" dia. threaded end on the cylinder for mounting. These are used, good condition. Great for large heavy duty robots!
G15538 $19.95 ea.

Handy LED Tester

This small LED tester is designed to test all types of LEDs (except SMD types). Features a socket strip with outputs at 2mA current drive, 10mA, 20mA, 30mA, and 50mA to allow you to view the brightness of your LED with different drive currents. Tests all different colors of LEDs including blue LEDs and white LEDs. Has a built in "Battery ON" green LED indicator and push to test switch. Operates on one 9V Battery (not included). Pocket size only 3.15" x 2.37" x .87". Brand new! We use this tester here at the Electronic Goldmine to evaluate LEDs- Very handy!
G15398 $10.00 ea.

Powerful Solar Powered Gearmotor



Complete solar power setup for hundreds of solar powered devices. Consists of a fully enclosed 4.8" x 1.75" mini 6VDC lightweight solar panel and a powerful geardrive motor which has a 1.14"Dia. pulley mounted to its shaft. When the panel is exposed to sunlight the pulley rotates at about 30RPM and has a good amount of tourque from the built in gearhead. Size of gearhead about 2.65"L x 1.18"H x .68"Thick (excluding motor length which makes the whole assembly about 1.85"Thick). Simple to use –just connect to two wires from solar panel to two wires from gearhead motor and then connect a rubber band or "O" ring over pulley and your wheel or item you wish to drive. You get both solar panel and gearhead drive with pulley.
G15642 $24.95

Introducing:

GOLDPAK®

$2.49 ea.

(Special Introductory Price)

These are the lowest prices available on components. Most of these components come from high tech factories that are building computers, cell phones, amplifiers etc. We have given a code to each GoldPak to let you know what to expect. You'll be amazed at how much you can save by buying these, but you will need to take the time to sort or identify the components. This is why we are able to offer them so cheap. We don't take the time to sort or identify.

Please no returns on these GoldPaks, however you will be impressed at the incredible bargains!

CODE 1	HSE numbered 100% prime parts.
CODE 2	PC lead 100% prime parts.
CODE 3	HSE numbered and unmarked prime parts.
CODE 4	Unmarked parts.
CODE 5	Bent pins on some parts, prime parts, some soldered to parts and some damaged parts in each bag. About 70% of the items are usable.
CODE 6	PC lead, some long lead, some unmarked but mostly 100% prime. A few may have been soldered to.
CODE 7	100% Prime parts.

3.5MM MINIATURE STEREO JACKS

Miniature 3.5MM Stereo jacks with solder eyelets. Package of 50. CODE 5.
Stock # GP3 $2.49

Header Assortment

Assortment of various headers with pins on .1" spacing for PC board use. Most are dual types. Sizes vary from 2 positions up to 32 positions or more. Some are snap apart types. Package of 50. CODE 5.
Stock # GP6 $2.49

Parts Mixture 1

Mixture of various parts. You'll find film caps,trimmer resistors,diodes, precision resistors,hardware, resistors, tantalum caps, toroids, electrolytic caps, etc.
Package of 100 parts. CODE 6.
Stock # GP7 $2.49

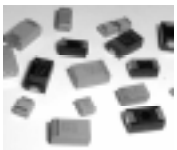
Dip Switch Mixture

You'll find various mounting types and activators. Grayhill, Alco or other top brands. Some have protective peel off covers. Package of 25. CODE 5.
Stock # GP8 $2.49

Part Mixture 2

Mixture containing various parts such as miniature and standard radial electrolytics, varistors, high voltage mylar caps, PC mount pots, crystals, PC board connectors etc. Package of 100 parts. CODE 6.
Stock # GP9 $2.49

SMD Tantalum Assortment



Tremendous value on these high quality marked Tantalum capacitors. Prime chip capacitors with values up to 47µf. Package of 20. CODE 7.
Stock # GP10 $2.49

Fuse Assortment

Contains all types of high quality fuses. Mostly glass types, but some may be ceramic. Small and standard sizes. Fast blow and slow blow types. Package of 25. CODE 7.
Stock # GP11 $2.49

Photo Transistor

Package of prime unmarked photo transistors made by Honeywell. These are not individually marked, however they came out of sealed manufacture bags that were marked 855 8604307 (probably a house number). Package of 20. CODE 4.
Stock # GP12 $2.49

TO220 Heat Sinks

Package of various small anodized black aluminium heat sinks. You are sure to find the right one in this assortment. Package of 8. CODE 4.
Stock # GP14 $2.49

Disc Capacitor Assortment

Assortment of high quality disk ceramic capacitors. Wide range of capacitances and voltages. Package of 50. CODE 7.
Stock # GP15 $2.49

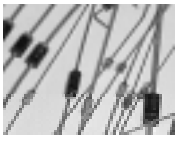
Voltage Regulator Assortment

Assortment of high quality 100% marked and prime voltage regulators and voltage references. Some PC leads. Package of 8. CODE 7.
Stock # GP16 $2.49

Precision Resistor Assortment

Assortment of high quality marked precision resistors. Package of 50. CODE 7.
Stock # GP17 $2.49

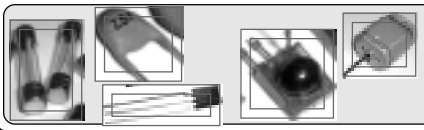
Package of Diodes



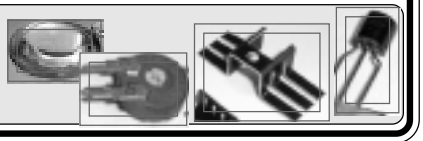
Prime diodes of all types. You'll find small signal, zener, 1 amp. rectifiers, transient suppressers, etc.
Package of 50. CODE 6.
Stock # GP18 $2.49

Small Switches

Prime switches that are designed for PC mounting. Various types, contacts and ratings. Package of 12. CODE 4.
Stock # GP19 $2.49



GOLDPAK®



Mylar Capacitor Assortment

Assortment of mylar film caps. Various voltages and values. Package of 30. CODE 7.
Stock # GP20 $2.49

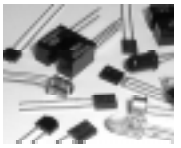
Robot Motors

Various small motors for making robots or other moving type projects. Package of 3. CODE 4.
Stock # GP21 $2.49

Glass and Plastic Lenses

Various glass and plastic lenses from an optical company. Package of 6. CODE 4. May have slight edge chips.
Stock # GP22 $2.49

OPTO Assortment

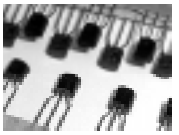


Various opto parts. You'll find interupters, IR LEDs, IR sensors, IR emitters, IR detectors, etc. Package of 20. CODE6.
Stock # GP23 $2.49

Power Resistors

Various assorted power resistors with several different values and power ratings. Molded types.
Package of 40. CODE 7.
Stock # GP24 $2.49

House # Tape & Reel Transistors



We receive hundreds of thousands of various T092 house # transistors from factories that shut down or change product lines. Package of 50 of one type. CODE 1.
Stock # GP25 $2.49

Part Mixture 3

Super mixture of prime coils, caps resistors, diodes etc. Package of 50. CODE 3.
Stock # GP26 $2.49

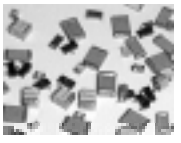
LED Mixture 1

Great assortment of various color size LEDs. Some may be PC lead and some will be SMD types. All 100% prime . Package of 50. CODE 4.
Stock # GP27 $2.49

IC Socket Assortment

Various IC sockets from small to large, even includes some PLC types. Super assortment of prime low profile types. Package of 20 sockets. CODE 4.
Stock # GP28 $2.49

SMD Mixture



We don't take the time to sort this 100% prime material as it comes in. We just place it in 55 gal drums. Consists of various SMD resistors, capacitors, diodes, transistors, leds, etc. Package of 50. CODE 4.
Stock # GP29 $2.49

7 Segment Displays

Various prime 7 segment displays. Mostly red color but some may be yellow or green. Great way to stock up. Package of 12. CODE 3.
Stock # GP30 $2.49

Plastic Hardware Assortment

Very useful and hard to obtain, this assortment has plastic screws, nuts, clamps, tie wraps, etc.
Package of 50. CODE 4.
Stock # GP31 $2.49

Metal Hardware Assortment

Another very useful assortment, this one contains various, screws, nuts, fasteners, standoffs, etc. Package of 100. CODE 4.
Stock # GP32 $2.49

Bag of Screws

Bag of various small screws. Many are hard to find metric types. All 100% perfect. Package of 100. CODE 4.
Stock # GP33 $2.49

Tantalum Cap Assortment

Assortment containing all types of small axial and dip tantalums, all prime and marked, mostly PC leads. Package of 20. CODE 7.
Stock # GP34 $2.49

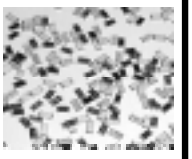
Single Turn Trimmer Assortment

Assortment of various small size trimmer resistors. All marked and prime. Horizontal and vertical mount types.
Package of 25. CODE 7.
Stock # GP35 $2.49

Unique LEDs

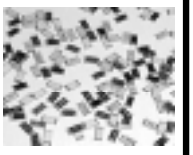
Assortment of various unique LEDs . You will find LEDs with connectors, LEDs with bayonet bases, LED strips, LED Bars, etc. At least 5 different types in each assortment.
Package of 15. CODE 7.
Stock # GP36 $2.49

SMD Resistor and Capacitor Assortment



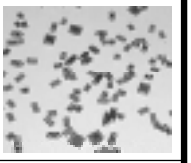
Assortment containing various prime SMD resistors and capacitors. These are 100% prime parts but because of the tiny size many manufacturers do not mark them. Package of 50. CODE 7.
Stock # GP37 $2.49

SMD Resistor Assortment



Assortment containing various SMDs. All are 100% prime in the 1206 case size. Many will be unmarked because many manufactures do not mark tiny SMD parts. Package of 75. CODE 7.
Stock # GP38 $2.49

SMD Capacitor Assortment



Assortment containing various SMD capacitors. All 100% prime. These are in several different case sizes. All are ceramic, and of course, the manufacturers do not mark these tiny parts. Package of 40. CODE 7.
Stock # GP39 $2.49

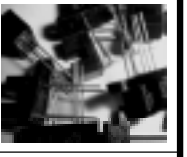
High Voltage Radial Caps

High voltage radial electrolytics for strobes, lasers, and high voltage power supplies. At least 4 different capacitors with at least 100V or greater voltage rating. Package of 8 prime capacitors–some with PC leads. CODE 7.
Stock # GP41 $2.49

Super LED Blowout

Contains jumbo, T1, right angle, etc. You'll find various types and colors. We bought a million LEDs made by various manufacturers, however some bad LEDs got into the barrel so some of these LEDs won't light up. You test them and save a bundle. Package contains 80 LEDs. Code 8 (some bad parts mixed in).
Stock # GP43 $2.49

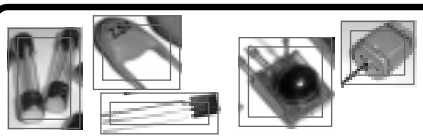
Opto interupters



Package of high quality prime opto interupters. These are long lead with markings on them. Most are made by Honeywell. Several different types in each package. Package of 20. CODE 7.
Stock # GP44 $2.49

Small Relays Assortment

Various small relays with coil voltages from 5VDC up to 12VDC. Various coil ratings, contact ratings and contact arrangements. All prime and made for PC board mounting. Package of 8. CODE 7.
Stock # GP45 $2.49



GOLDPAK®

Bargraph/LED Bar Displays

Great assortment of various types and colors of bargraphs, LED bars, and multiple LED displays. Each display contains at least 3 LEDs and some go up to 10 bars. LED and bar types all 100% prime. Package of 8. CODE 7.
Stock # GP47 $2.49

Thermal Cutoff Switches

Heavy duty thermal cutoff switches to protect equipment. These are 100% prime marked parts with at least 2 different types. Package of 4. CODE 7.
Stock # GP48 $2.49

Slide Switch Assortment

Several different 100% prime standard size slide switches. Some are PC mount and some are panel mount. Right angle types also. Package of 15. CODE 7.
Stock # GP49 $2.49

Super Coil Assortment

Assortment of fixed coils, some with ferrite beads, some with PC leads, and some with epoxy coating and color coding. All 100% prime and at least 10 different coils in each package. Package of 50. CODE 7.
Stock # GP50 $2.49

Ferrite Cores/Bars

Package of ferrite cores, toroids, E cores pot core pieces, ferrite cable beads etc. Package of 10 pieces from small to large with at least 5 different types in each bag. CODE 3.
Stock # GP51 $2.49

Powerful IR LEDs

Several different types of prime IR LEDs produce high output invisible IR energy. Various case styles from mini to jumbo. Lenses are clear, smoke colored, blue or black.
Package of 20. CODE 7.
Stock # GP54 $2.49

Super Bright BiPolar LEDS

Package of 12 super bright Red/Green jumbo T1 3/4 (5mm) LEDs. These have a diffused frosted lens and 3 long leads. Prime 100% perfect and bright.
Package of 12. CODE 7.
Stock # GP55 $2.49

Mini Fuses

Axial lead fuses the size of 1/4w resistors. These are 100% prime marked types with some leads formed (but not cut) for PC boards. At least 3 different values in each package.
Package of 10. CODE 7.
Stock # GP56 $2.49

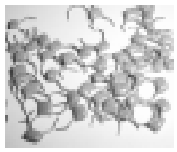
Reed Switches

Several different glass reed switches that have SPST contacts that close when a magnet is brought near. Great for making all types of alarm sensors. Some may have PC leads. Package of 6. CODE 4.
Stock # GP57 $2.49

Mini Switch Assortment

Various tiny switches such as pushbutton, toggles, slide etc. Various contacts and ratings. Some are panel mount and some are PC mounting. No mounting hardware supplied. 100% prime brand new and made by makers such as Alco, C&K, Grayhill, etc. Package of 8 with at least 5 different types. CODE 7.
Stock # GP58 $2.49

Small Mono Capacitors



Several different types of mono caps for IC bypass. All are 100% prime marked parts with longer (1/2") PC leads. Epoxy case. All appear to be 104 (.1µf) types but the caps are from several different manufacturers so the cases will vary.
Package of 50. CODE 7.
Stock # GP59 $2.49

Linear ICs

Various types of 100% prime standard marked linear ICs with at least 10 different types in each package. You may find high quality regulators, OP amps, comparators, amplifiers, etc., in each package. Package of 15 pieces. CODE 7.
Stock # GP61 $2.49

Toroid Surprise

Assortment of ferrite toroids up to 1 3/4" in Dia. All are 100% prime quality parts that are brand new. Great for winding custom filters, transformers, chokes, etc.
Package of 6. CODE 4.
Stock # GP62 $2.49

Small Incandescent Lamps

Small lamps with various voltage/current requirements from 3V up to 24 V typical. Some are bayonet, some are wire leads, and some are panel mount. All are 100% prime.
Package of 25. CODE 7.
Stock # GP63 $2.49

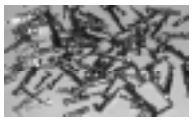
Super Heavy Duty Switches

Heavy duty switches with ratings up to 15amps @ 250VAC. These large switches vary from bat handle to trigger and rocker types. Prime 100% perfect product.
Package of 5. CODE 7.
Stock # GP64 $2.49

Heavy Duty 2" Clip with Insulator

Package of prime spring type alligator jaw test clips with wire hold down screw and red plastic insulated handle. Great for hundreds of applications.
Package of 20. CODE 7.
Stock # GP65 $2.49

"Crimp On" Socket Pins



These are various pins that would be used in Molex® and other types of connectors. There is a big variety of types on this assortment
Package of 50. CODE 7.
Stock # GP70 $2.49

Super PC Board Terminal Assortment

Great assortment of quality PC board terminals. Some have threaded holes for mounting, some have threaded bolts and some you just solder in. All are 100% Prime- Just one is worth more than the price of the assortment.
Package of 25. CODE 7.
Stock # GP71 $2.49

Test Clip Assortment

Assortment of various test clips most with alligator jaws. These are prime types- Some with insulated boots.
Package of 10. CODE 7.
Stock # GP72 $2.49

Plastic Strain Relief Assortment

Assortment of various size strain reliefs for protecting wires, line cords and cables at the point they enter a metal chassis. Package of 20. CODE 7.
Stock # GP73 $2.49

GOLD PAK®

Miniature Potentiometer Assortment

Great assortment of small potentiometers. At least 5 different types. Various values, mounting configurations and shaft size. All 100% Prime. Most do not have hardware. Package of 12. CODE 7.
Stock # GP74 $2.49

"IF" Can Assortment

We purchased the remaining inventory of these prime "IF" cans from a distributor. Designed for use in radios. All have PC leads. At least 4 different types.
Package of 20. CODE 7.
Stock # GP75 $2.49

Various Wire Connection Lugs Assortment

Great assortment of prime wire crimp connection lugs, ground terminal rings, spade quick female connectors and miscellaneous types. Very useful to have around.
Package of 25. CODE 7.
Stock # GP76 $2.49

Sound Module Assortment

Assortment containing different small greeting card modules. Each has a pull activator, built in watch batteries and small speaker/piezo. All have peel and stick mounting paper base. Package of 5. CODE 7.
Stock # GP77 $2.49

Nylon Wire/Cable Hold Down Assortment

Very useful nylon hold downs for cable or wire. Some of these you drill a hole in your PC board or metal chassis, insert the anchor and pass the wire through on of the unique channels of these hold downs. Assortment contains many different types. Package of 50. CODE 7.
Stock # GP78 $2.49

Super Nylon Clamp Assortment

These are top quality nylon clamps in various sizes. Designed to be bolted to a chassis, circuit board, wall, desk or other object in order to hold wires, cables, line cords. Several different colors, types, sizes and clamping arrangements in each package. Package of 25. CODE 7.
Stock # GP79 $2.49

AC Items

Shielded 3 Conductor Equipment/Computer Power Cables

This cable is found on almost all computers, test equipment, power supplies, etc. We have just purchased thousands of these brand new prime shielded black molded cables. Made by Belden for use by an OEM which closed. This has UL/CSA approval and is perfect for new construction or replacement use. Length of cable is 6 feet. Model # 18-3SVT.
G12797 $1.25 ea.

Special Laptop Power Adapter Line Cord

This line cord has the special female socket that plugs into many laptop AC adapters. Its male end is non polarized allowing it to be used universally. If you have lost your line cord, you know how difficult it is to find one of these. Length is 5 1/2 ft. long. Brand new SPT-2 black color.
G12899 $1.00 ea.

SL Waber 6 Outlet Multiple Outlet Strip

Great quality outlet strip by SL Waber safely converts one outlet into six. Features 15amp 120V (1875 watts continuous duty) rating. These are not surge protected, however we find hundreds of applications that this one fits the bill for! Brand new with 2 year warranty. Beige color.
G1822 $3.98 ea.

Adapters/Power Supplies & Accessories

Handy Auto Accessory Wall Adapter

This wall adapter makes it easy to operate 12VDC radios, CD players, cell phone chargers, etc. Adapter plugs into standard wall outlet and has a female car cigarette lighter socket which allows you to plug your 12V device's cigarette plug directly into it. Output is rated 12VDC @ up to 1Amp. Brand new in box.
G14918 $4.95 ea.

Adapter Assortment

Handy assortment containing 4 different adapters. Each adapter plugs into a standard 120VAC wall outlet and puts out a DC voltage. Various voltages. Most have female barrel plug. An experimenter's delight.
G13694 $4.95

12VDC 800ma Adapter

Heavy duty adapter for powering many types of nicad charger units. These are brand new, but the part of the label that had the brand name was cut off. Features operation from standard 120 VAC, 60Hz, 15W. Output features a female 5mm barrel plug with center positive (+). New boxed units!

Stock#	G8648
1 - 24	25 - 49
$5.95	$5.36

Heavy Duty Power Adapter 6-9VDC PEAK@ 10.8W MAX

Made by ICOT this power adapter can deliver almost 2 amps at 6VDC. Non regulated output has a female barrel plug on one end and a standard 3 cond line cord on the other. Size 4 1/2" x 2 7/8" x 2 1/8". These are used excellent condition. Has ferrite noise reduction bead on output wire.
G8606 $4.95 ea.

Our Most Powerful Switching Power Supply 200W

Made by Intergraph, this power supply operates on 100 to 240VAC and features regulated outputs of +5.0VDC@30.0Amps,+3.3VDC@19.0Amps, +12.0VDC@5.0Amps, 12VDC@0.5Amps and -5.0VDC@0.5Amps. Has 2 built in fans for cooling and is compact for this powerful of a supply. Size only 7 1/2" L x 6 1/8" W x 3 1/2" H. Has a bundle of cables with connectors coming out of the metal enclosed chassis. Unfortunately, we do not have the hookup info or data so we are selling these units cheap. Brand new–prime!
G12865 $21.95 ea.

12VDC 100mA Wall Adapter

Small wall adapter features a subminiature 2.5mm stereo plug. Center is (+). has long cable. Size about 2.16"L x 1.7"W x 1.6"Deep. Plugs into standard 120VAC wall outlet. New in white box.
G15216 99¢ ea.

12VDC 200MA Wall Adapter

Wall adapter with two prong AC line cord plugs into 120VAC 60Hz. Features long cable with 3.5mm mono plug center (+). Brand new in box. Blowout Price!
G14801 $1.49 ea.

12VDC 300ma AC Adapter

Standard 120VAC adapter features white colored case, UL approval and female 5.5mm barrel plug with 2.5mm center (+).
G1627 $2.95 ea. • 100 for $249.00

Philips 6VDC 100ma Adapter

Small adapter was made for charging cell phones. Features female 3.5mm barrel plug with center (+) and long flexible cable. Brand new in box. Plugs into standard 120V wall outlet. UL listed.
G14373 99¢ ea.

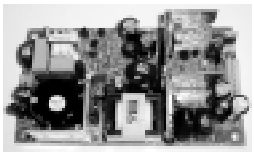
15VDC 400ma Adapter

Made for SEGA CHANNEL, this adapter plugs into any 120VAC outlet and puts out 15VDC at up to 400mA. Has 5mm miniature female barrel plug with center (+). Near the barrel plug, the flexible cord is wound around and enclosed ferrite bead for RF interference control.
G1357 $2.49 ea.

Adapters/Power Supplies & Accessories

ELECTRONIC GOLDMINE

Powerful Lambda +5VDC & +3.3VDC Regulated Power Supply



Part # PW G0050 by Lambda features +5VDC at 7Amps and +3.3VDC at 10Amps output. Input is 100 to 240VAC 50-60Hz. Open frame switching supply with .156" headers for output and input. Size only 6" x 3 1/2" x 1 1/4". Weighs 0.82 lbs. Brand new in manufacturer's box.
G12705 $12.95 ea.

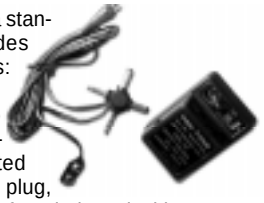
3 Output Wall Adapter

Wall adapter plugs into any standard 3 slot outlet and provides +5VDC at 800mA, +12VDC at 100mA –12VDC at 100mA. Has 5 pin din plug at the end of the cable which can be cut off (if you desire).
G13927 $2.95 ea.

Heavy Duty 12VDC 500mA Adapter

Model A-41-500 features operation from 120VAC and flexible cord with 5mm female barrel plug with larger type (3mm) center, which is (+).
G9596 $2.95 ea.

Universal Wall Adapter



This adapter plugs into a standard outlet and provides your choice of 3 outputs: 6VDC, 7.5VDC and 9VDC all at up to 300mA. Polarity and output plug can be selected also as it has a 2.5mm plug, a 3.5mm plug, a 5.5mm female barrel with a 2.1mm center, a 5.5mm female barrel plug with a 2.5mm center and a 9V battery snap. With this universal setup you should be able to power most 6V to 9V devices. Brand new in box - Made by Fen-Tone.
G13920 $2.49 ea.

12VDC 800mA AC Adapter

Heavy duty adapter features standard line cord on one end to plug into wall outlet and a 5ft. flexible lead on the other end. These are electrically perfect, but they were removed from equipment and may have a few scratches on the case.
G8335 $2.95 ea.

12VDC 1.2Amp Charger Adapter

High power 12VDC adapter plugs into standard 120VAC outlet and puts out 12VDC at 1.2Amps. These do not have a built in filter capacitor, so if you need a filtered supply, add a capacitor across the output. Brand new, compact only 3 1/4'' x 2 1/4'' x 1 15/16''. With 5mm barrel plug center (–).
G1566 $3.49 ea.

Alarms, Sirens, Horns & Accessories

433MHZ Keychain Remote Control System Kit

This Remote Control System consists of a fully assembled tiny keychain remote that operates from one 12V lighter battery Type 23A (not included) and a 433MHZ Receiver Kit which operates from a 9V battery (not included). The small 3 3/8" x 2 1/4" receiver features a DPDT relay and the receiver is perfect for various applications in robotics, alarms, remote light activation, etc. Each time the button on the keychain is pushed the relay on the receiver board activates. Range is up to 50 feet away and the receiver features sensitivity control and "activation time" control so that the relay can be energized for a longer period of time (if desired). This kit also will receive the signal transmitted from the G4567 PIR Detector (to the left) and/or the G4568 Window Door Sensor and/or the G4572 Glass Break Sensor. You can use these optional sensors to build a very nice alarm system. The receiver must be assembled and comes with all parts, PC board and instructions. The system comes with one fully assembled Keychain Remote and one unassembled Receiver Kit. Skill Level 3.

C6849 $24.95 ea.

Optional Type 4 plastic box for above:
C6366 $2.50

Extra keychain remote:
G1449 $6.95

12V Battery for remote:
C6860 $1.49

Ultra Sleek RF Alarm Remote

This keychain type miniature alarm remote is one of the latest types made. It is brand new and operates from 1 standard 12V lighter battery (type 23,23M VR22 or EL22) not included. This sophisticated 3 button remote contains a complete RF coded transmitter with red LED "on" indicator and it was made for a car alarm. It features an elegant design, ultra thin 2 1/8"L x 1 3/8"W smooth matte finish black case. Use these with the **C6849 Kit (sold above).**
G1449 $6.95 ea.

Check out these Alarms! They are perfect for use in the home or your business!

Window/Door Sensor Wireless Transmitter

Unique alarm transmitter made by Quorum contains a built in reed switch, and electronic intruder detection circuit with a built in RF transmitter, and an enclosed permanent magnet. Unit operates from a 9V battery (the one inside the box is dead from storage) and was meant to transmit to a receiver (Our kit **C6849** will pick up the signal from this unit). Beige case is about 4 1/2"L x 1 1/2"W x 1" Dia. Brand new with mounting hardware included. Model AS-103 RR-150. High quality unit, perfect for alarm applications.
G4568 $6.95 ea.

Sensitive Passive Infrared Detector

This sensitive PIR detector contains a sophisticated nine IC circuit and a sensitive PIR sensor. The unit operates from 1 9V battery (not included) and is about 5" x 3" x 2". The unit has a built in transmitter which was to transmit the intruder detection alert at 433MHz. (Our kit **C6849** picks up this signal). We do provide you with simple directions on how to connect up a relay to this PIR unit to allow you to set off sirens, lights, etc. when the unit detects an intruder. This sensitive PIR unit has a detection range of 40 feet with a cone of coverage of about 90° wide. These are professional units that are perfect for your alarm applications.
G4567 ~~$14.95~~ SALE! $5.95 ea.

433MHZ Glass Break Sensor/ Transmitter

Self contained 4 3/4" x 3 1/4" x 1 1/4" sensor uses sophisticated IC circuitry to detect the sound of breaking glass. It processes this noise signal and then transmits a 433MHZ signal to activate your receiver (such as our **C6849** 433Mhz Keychain Remote control System Kit to the right). Requires no wires and uses one 9V battery (not included). Beige case. Sensor comes fully assembled.
G4572 $15.95 ea.

Pool Elert™ Alarm

Features a keyboard to allow you to set your own 3 digit disarm code, a programmable time delay before activation of 3, 10 or 20 seconds, and adjustable sensitivity vibration sensor which can detect the slightest movement of the door, a panic activation mode, LED indicators, a 10 second arming delay, auto re-arm and several attachment accessories. Once activated, the alarm will sound for 30 seconds or can be deactivated by entering your 3 digit code. Operates on 3 "AAA" batteries (not included). Attractive blue color case unit is brand new and comes in box.
G9912 $7.95 ea.

Super Sensitive Proximity Alarm

This is the best proximity alarm we have ever evaluated. It can detect your hand at one foot away. The alarm consist of an attractive compact 3 3/4" x 2 1/4" x 1" off white case with built in electronic alarm and antenna clip. The sophisticated highly sensitive circuit is activated when your hand or body comes near any ungrounded metal object which you have clipped the antenna lead to. Complete with silencer switch so that you can adjust the sensitivity of detection by a flashing LED without the alarm sounding. When you have adjusted the sensitivity control properly using the built in flashing LED simply turn on the alarm switch to provide alarm sounding. Brand new, very nice!
G1757 $12.95 ea.

PIR Human Detector

Small fully contained PIR detector senses humans up to 40 ft. away and the lens lights up a soft red to indicate that the person has been detected. Even though this unit does not set off an alarm it can be used as a deterrent to break ins as it looks the same as the PIR detectors you see in museums, restaurants, homes etc. The intruder will think that a silent alarm has been set off. New ready to go unit with wall anchor for hanging on wall. Requires one 9V battery (not included). Alkaline types will last up to several months depending on amount of activations.
G12959 $8.95 ea.

Safety & Security Lock'N Alarm™

This small, yet very powerful alarm and lock is designed to be mounted on metal framed windows and sliding glass doors. When this unit is activated by the vibration of someone trying to open your sliding door/window, a high output 120DB alarm siren is triggered. Great for preventing unauthorized entry. For additional security, the screw locking mechanism keeps window or sliding glass door secure. Operates on 12V battery (included). Brand new in retail blister pack complete with instructions and 2 adhesive mylar warning stickers. Size is 1 5/8" W x 1 3/16"T x 1 7/8".
G1378 $5.95 ea.

Elert™ Personal Alarm System

Very sensitive alarm features a built in vibration sensor and computer type circuitry. Features keyboard to allow you to set your own 3 digit disarm code, a programmable time delay before activation, an adjustable sensitivity vibration sensor, a panic activation function, LED indicators, a 10 second arming delay and several attachment accessories to allow you to install it on a door, a bike, a laptop computer, a window, etc. Once activated, the unit emits an incredibly loud obnoxious electronic siren which will sound for 30 seconds or can be deactivated by entering your 3 digit code. Operates on 3 "AAA" batteries (not included) and has a unique screw lock battery cover to prevent someone from removing the batteries to disarm the unit. Brand new with complete easy to understand instructions. The unit is black with silver lettering with an approximate size of 3 3/4" x 2" x 3/4". This is a very high quality, well made unit.
G9908 $6.95 ea.

Bags

Plastic Zipper Close Bags

We now offer high quality 2Mil thick zipper plastic bags with white block to write on. These reclosable bags feature a zipper locking top for convenient storage of small electronic parts, hardware, etc. We have the following sizes. *Sold in multiples of 100 ONLY.*

Size	Stock#	Price	Size	Stock#	Price
2" x 3"	G663	100/$4.00	3" x 4"	G664	100/$4.75
3" x 5"	G665	100/$5.00	4" x 6"	G666	100/$6.75

4" x 6" heavy Duty Static Shield Bag

High quality grey color static shield bag features peel and stick top flap. These are top of the line types that won't break or tear and feature a permanent type of adhesive so the contents stay inside until you cut it open to access your parts. Full factory bag containing 100 4"x 6" x 4mil thick static shield bags.
G15222 $4.99 ea.

Desco 6" x 8" STATSHIELD® Static-Shielding Bag Metal-In Construction

Metallized polyester film bag features "Faraday Cage" like static protection. These have very good seals, are tear resistant, 4 layer constuction. Brand new, highest quality used throughout the electronic industry. Compare our price! Sold in package of 100 only. Regular price $11.
G15285 $5.95

Batteries

SONY NH-14WM(A) Rechargeable Battery

This popular higher capacity 1400mAh nickel metal hydride battery is found in many recorders, portable stereo players, mini-disk players and other high tech electronic devices. Size is about .67"W x 2.62"tall x .23"thick. Voltage is 1.2V. Made by SONY. Worth up to $20 each!
G14927 $7.95 ea.

Sony Prime Lithium Coin Cells

Made for memory backup and powering hundreds of high tech devices. Highest quality full power types made by Sony. ***Has Solder Tabs**

Fig.	Part#	Dia.	Stock#	Price	
A	CR1220	12mm	G4591	$1.00 ea.	10/$6.00
B	CR1620	16mm	G4592	$1.10 ea.	10/$6.50
C	CR2450*	24mm	G4595	$1.49 ea.	10/$9.00

Latest Technology Rechargable Polyacene "Wafer Thin" Battery (PAS 920)

Made for memory backup in cell phones these represent a breakthrough in battery technology. These brand new tiny batteries use proprietary polycenic semiconductor (PAS) polymer technology. Using this technology for the electrodes in these secondary batteries have allowed a more stable, higher capacity battery, than bilayer capacitor batteries. This Kanebo PAS920-5-VB6R-2 battery is only 9.3mm (dia.) x 2.3mm (thick). It has metal tabs for direct soldering to a circuit board. This battery ca be charged and discharged over and over again. The factory QA certificate on these lists a rating of .6 Farad and an internal resistance under 20Ω. This particular battery was made for one of the largest cell phone manufacturers and their name is listed on the large factory cartons. These batteries are perfect for hundreds of applications. We charged one up and it powered a flashing LED for about an hour before needing to be recharged. Unlike ni-cads these batteries will discharge over a period of time (even if not connected to a circuit) and they are shipped uncharged. You'll be amazed at the capacity for such a tiny wafer thin cell. Rated 3VDC.

G13133 5/$1.00
G13133A 100/$15.00

BR2032 Lithium Coin Battery

High quality Panasonic 3V coin battery type BR2032 features yellow vinyl sleeve and solder tabs. Approximate size: 13/16" Dia. New.

G1582 2/$1.00
G1582A Factory Box of 100/$25.00

AAA Battery by GP

Extra Heavy Duty Greencell "AAA" battery by GP. These are packed with many TV/VCR/DVD remote controls at the factories. This popular battery does not contain mercury or cadmium. These are fresh factory prime batteries with a date code of 2006.
G14908 2/49¢

Standard AA NiCad Battery

Standard size AA nicad with + button for firm contact in battery holders. These can be recharged over and over again. Brand new with white vinyl sleeve.
G14720 2/99¢

3.6V 50MaH Nicad 1/3 AAA 3 Pack

Made for cordless phones, this battery is great for use with miniature robots. Size only 1.2"L x 0.41"W x 0.61"H. Has white shrink wrap and color coded wires with tiny 2 pin female connector. New - Prime.
G13909 $1.00 ea.

Varta Super Slim Rechargeable 7.2V 70 mAH NI-MH Battery

Varta rechargeable NI-MH battery is about 1.8"L x 1.2"W x .25" Thin. Perfect for all sorts of small robots. Can be recharged over and over. Has color coded leads and small two pin female connector.
G14949 99¢ ea.

Handspring PDA Replacement Battery

Type HND 14-0024-01 rated 3.7V 850mAh made by Hadspring. Features tiny connector and peel and stick mounting. Size only 2" L x 1.33" W x .21" Thick. Brand new and sold elsewhere online for $49.00. We believe that this battery is for the Treo 270 and Treo 300 series.
G14081 $19.95 ea.

Cordless Phone Battery

Great for replacement use in cordless phones, power tools, electric toothbrushes, etc! This 3 cell nicad button pack is rated 3.6V@280mAh. Size is 1'' Tall x 1'' Dia, has blue vinyl sleeve, flexible color coded wires and small female connector. Prime brand new. Sold for up to $9.00 each elsewhere.
G1508 $1.49 ea. • 5/$7.00

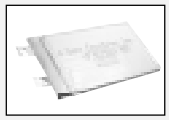
SAFT 3.6V 2.25 Ah Lithium Battery

This 3.6V@2250mAh battery is about the size of an "AA" battery 2"L x 0.55" Dia.) excluding the 1 3/4" wire lead on each end. This battery is used in many pieces of industrial equipment, aerospace, military, utility metering, alarms, memory backups, etc. It is a highly stable lithium thionyl chloride primary cell (not rechargeable). Made for applications that do not exceed 120mA maximum discharge current. This battery has a very low self discharge rate of less than 0.5% per year making it perfect for backup power applications. Temperature range –60° to 85°C. Code printed on battery: F.00.179.B T. These sell in the range of $5-$9 each.
G14788 $1.49 ea.

Tiny NiMH Rechargeable Battery 2/V15H

Made by Varta, this nickel metal hydride battery is only 0.89"L x 0.16" Thick. It consists of 2 tiny flat "coin" cells connected in series and then covered with a green vinyl sleeve. There is peel and stick tape on the bottom. Features 2 wire posts and the battery is rated 2V@15mAH. Because of its light weight, tiny size, and the fact that it can be rechared over and over again, this battery is great for memory backup, tiny robots, flashing LED circuits, etc. Brand new –Prime!
G14762 $1.00 ea.

Ultralight Powerful 3.7V 650mAh Lithium Ion Battery



Compact lithium ion battery is the solution when you need a very light, small but powerful battery. Originally made for use in Palm M500, M505 and M515, this battery features a 650mAh rating yet it weighs only 15.25 grams. Perfect for park flyer RC planes as it is only 2.4"L x 1.38"W x 0.13" Thick- very lightweight! Made by Sony, type UP383562A, these are brand new and feature foil tabs (if you are going to replace the battery in your PDA you will need to solder your old PDA battery connector to this battery). These are worth about $49.00 each.
G14082 ~~$14.95~~ SALE! $5.99 ea.

Battery Chargers

Universal AA Battery Charger

Universal charger made for charging 4 "AA" Nicad batteries in an 8 hour time period. Simple to use, compact unit plugs into standard wall outlet and features LED "charging" indicator.
G14738 $4.95 ea.

GE/Sanyo Universal Rapid Charger with Dual Input Option for AA/AAA NiMH/Nicad

This handy charge unit does it all. Not only does it charge Nicads or NiMH "AA" or "AAA" batteries, but it also features a dual power option. You can plug it into the wall outlet at home or use the included cigarette plug to plug it into your car or truck to charge batteries when you are on the road. High quality, reliable unit made by GE/Sanyo features firm grips, LED charge indicator and compact design. Charges 2 or 4 batteries at a time. Brand new in retail package.
G14725 $9.95 ea.

Battery Holders & Snaps

9V Snap

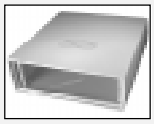
Standard 9V snap with color coded leads.
G2210A 5/$1.00

8 Cell Penlight Battery Holder

Cell Penlight black plastic holder for 8 standard "AA" batteries.
G754 $1.00 ea.

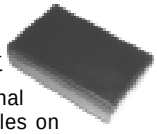
Boxes • Cases • Enclosures

Universal Deluxe Project Case



Attractive sturdy beige case features 2 halves that screw together from the bottom. Size is 6 1/8"W x 2 1/8"H x 6 3/4"Deep. Comes with two clear 2 1/8" x 6 1/8" plastic lenses (for front and back). Brand new, has built in vent holes/speaker grille to accomodate a 2 1/2" speaker if desired. These make great project cases for professional strobes, amplifiers, radios, etc. Comes with screws.
G14057 $4.95 ea.

Serpac Project Case 110-I



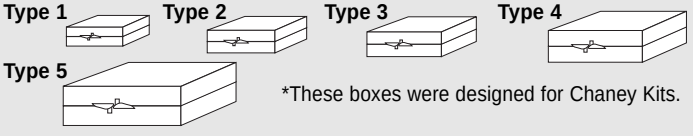
Model 110-I black plastic case features a top lid with a smooth depression for flush membrane/label surface or printing. Size is 3.61"L x 2.27"W x 1.01"Thick. Has internal circuit board mounting bosses and has four recessed holes on bottom for screws to hold case together (screws for this are included). These are brand new and very nicely made. See the Serpac website for a PDF drawing of this case. Special Blowout Price!
G14950 $1.99 ea.

BOPLA High Tech Project Box

Made for a hand held airport metal detection unit, this stylish box has a high tech design. Black matte finish plastic box has rounded edges and a battery compartment with removable cover (made to accommodate a 9V battery). Overall size about 6 3/4" L x 3" W x 1" Thick. Brand new, ready for your next High Tech Project. Bopla part # B03601.
G4522 $6.95 ea.

Plastic Boxes

Clear hinged plastic boxes to make kits into finished *projects.



*These boxes were designed for Chaney Kits.

Type	Size	Stock#	Price
1	2" x 2" x 1 1/8"D	C6363	$1.00
2	3 9/16" x 2 9/16 "x 1"D	C6364	$1.50
3	3 9/16" x 2 9/16" x 2"D	C6365	$1.95
4	5 1/8" x 3 1/8" x 2 7/8"D	C6366	$2.50
5	6" x 4" x 2"D	C6367	$2.75

Black Anti-Static Box

Perfect for storing static sensitive transistors, FETS, and ICs (up to 16 pins in size). These boxes also make excellent small enclosures for miniature electronic projects. Opaque black color with hinges and a snap closure. Overall size of box 1 1/8" cube. Brand new, and very nicely made.

G1411	4/$1.00
G1411A	100/$22.00

Opaque Red Plastic Project Box

Nice quality hinged type project box makes a professional looking addition to many electronic projects. Size about 4 7/16"L x 2 1/8"W x 1 7/16"D. New.
G12803 $1.00 ea.

Our Smallest Self Contained Electronic Alert

This is a self contained (no driver circuitry needed) electronic tone alert device. Simply connect 8VDC up to 16VDC to the correct polarity and this item emits a loud 2400Hz tone. This alert is only .47"Dia. x .36"tall. Made by American Audio part# SEB122. Sound output @ 10cm is 85dB. Only requires 30mA current. Brand new and very unusual due to the tiny size but loud output.

G14805 $1.49 ea.

Projects Unlimited Inc. EAI-430 Large Tone Alert

Made my Projects Unlimited Inc., this 5/8"Tall 1 9/16"Dia. (excluding mtg. ears) grey plastic case tone alert produces a constant 2800Hz 90dB electric alert tone when its flexible color coded leads are connected to 12VDC. Average current draw is only 6mA. Brand new- Heavy duty and loud. Mounting ears ae on 1.95 centers.

G15242 99¢ ea.

Murata Miniature Tone Generator

Small, self contained 0.95" Dia. x 0.38" black tone generator contains a piezo and electronic circuitry to produce an electronic tone. Operates from 1.3V up to 12VDC. Has 2 PC mounting leads on 0.57" centers. New with peel off protective label.

G14200 $1.00 ea.

Mallory Sonalert II® Audible Signal Device

Type MSR320 by Mallory is a self contained audible signal device capable of producing a minimum sound pressure of 90db(A)@10cm. Will operate from 3VDC up to 20VDC and does not require any additional driver circuitry. Great for fire alarms, burglar alarms, automotive clocks, etc. Size 23mm (dia.) x 10.5mm (H). Has solder pins on 15mm centers. New.

G13545 $1.00 ea.

Kyocera KBS-13DB Piezo Buzzer

Low current high sound pressure blue plastic case piezo buzzer can be driven by various transistor or IC circuits. Sound pressure level is 73db min. @ 4.090KHZ 10vp-p sq 30cm. Static capacitance is 10mf±30%. Size 15mm Dia. x 9mm (H). Has 2 wire posts. Requires electronic drive circuitry. Prime!

G13474 $1.00 ea. • 10/$8.00 • 100/$52.00

Our Smallest Piezo

One of the tiniest piezo elements in a case that we have ever seen. Only 17/32" in diameter by 1/4" high. Prime unit, marked SHR-175. Operates from any transistor or oscillator IC circuit.

G6859 $1.25 ea.

Mini Piezo Disc

Tiny 3/4" diameter Piezo disc element. Murata 7BB-18R2-11.

G2602	2/$1.00
G2602A	10/$4.00

Murata Upright Piezo

This 1" high black plastic holder houses a .8" diameter piezo element. It has two PC board terminals and an open back. This can be driven by various IC or transistor circuits and we include a simple transistor drive schematic with this. Brand new.

G13128 $1.00 ea.

3 Lead Piezo Disk

Murata 7SB-34R7 high output self-driven (with feedback electrode) piezo disk requires only 1 transistor to drive it. Resonant frequency is 3.1 KHZ, resonant resistance is ≥ 160, capacitance is 24000pf. size is 34.7mm. These are brand new and perfect for making a clear penetrating loud alarm sound. They create no electronic noise and require 1/10 the power of a comparable electromechanical buzzer. We even include a simple 1 transistor schematic that shows how to use 1 2N3904 transistor and several resistors and several capacitors to drive this piezo. Brand new prime!

G9303	2/$1.00
G9303A	100/$40.00
G9303B	Mfg Box of 800/$250.00

EFB-RD Piezoelectric Ceramic Buzzer Unit

Small black plastic case piezoelectric ceramic buzzer requires external drive circuit. Can produce 85dB sound pressure when driven by a 4kHz 15Vp-p square wave. Requires external driver. Size .95"Dia. x .31"Tall. Has 2 PC pins on .40" centers.

G15223 99¢ ea.

Large Piezo Element

Large blue plastic case piezo element made by Kyocera part # KBT-44SB-1A. These can produce a tremendously loud sound when driven by external circuitry. Size 1 11/16" Dia. (excluding mounting ears) x 9/16" High. Has flexible wire leads.

G9985 $1.00 ea.

10/$9.00 • 100/$80.00

Small 3 Lead Piezo Disk

Self Oscillating type 3 lead piezo requires simple transistor driver circuit (schematic included). Size about 0.78"Dia. x 0.017" thin with 2" long color coded flexible leads.

G14378 3/99¢

Cables & Wire

RCA 12Ft Stereo Audio Cable with Gold Plated Connectors

Type DT12A by RCA is two 12 ft. long double shielded flexible heavy duty cables with see thru jacket and a 24K gold plated studio grade male RCA connector on each end. These are balanced for optimum performance with all digital and analog devices. Brand new in sealed RCA blister package. Regular price $19.99! Limited lifetime warranty from manufacturer!

G14701 $9.99

RCA Digital Sub-Woofer Cables

Features Super Heavy Duty flexible double shielded cable with see thru jacket, 24K gold-plated, studio grade RCA male connector on each end and a "Y" connector for universal compatibility. Innovative design reduces signal distortion. These provide superior connectivity for all analog and digital audio devices. Brand new in sealed RCA blister package. Limited lifetime warranty from manufacturer.

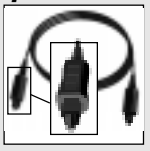
15Ft Subwoofer Cable (DT15SB)

G14699 $7.95/Set

30Ft Subwoofer Cable (DT30SB)

G14700 $12.95/Set

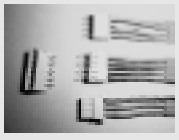
Super High Quality Fiber Optic Cable with Connectors



Flexible black sleeved fiber optic cable features male connectors with removable protection caps on each end. Each end of the fiber has been highly polished for maximum optical transfer. Nice quality-Brand new. Sorry we don't have the name of the connectors, however we were told that these fiber optic jumper cables are in common use in many rack mounted equipment setups. Overall lenght is approximately 39" long.

G14763 $1.49 ea.

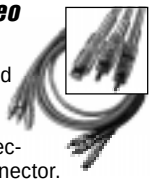
Tiny Headers & Cable Assemblies



Small cables designed for use in interconnecting PC boards to sub-assemblies, etc. Each ribbon cable has a female connector attached to one end and stripped leads or pins attached to other. The female connector mates to the right angle PC male header (included). Lengths of cable are approx.

Pins	Size	Stock#	Price
3 Pin	13" L	**G170**	**2/$1.00**
4 Pin	4" L	**G171**	**2/$1.00**
6 Pin	4" L	**G173**	**2/$1.00**

RCA DTSA Stereo Audio/S-Video Digital Combo Audio Cable



Features 6ft long flexible braided shield cable with 24K gold-plated textured comfort grip connectors. Each end has 2 gold-plated RCA audio connectors and a gold plated S-video connector. Brand new in retail blister pack. Limited lifetime warranty from manufacturer. Regular price $16.95.

G14711 $9.95

RCA DT3HP High Performance Digital Optical Cable with Adapters

This 3 ft long digital fiber optic cable comes with 2 mini adapters to adapt cable to your optical connector. Features optical grade polished transmitter for maximum conductivity. Brand new in retail blister package. Limited lifetime warranty from manufacturer. Regular price $19.95.

G14710 $8.95

Find Additional Fiber Optic Items on Page 30

Magnet Wire

Prime enameled coated copper wire on large reels. Each reel is at least 9 pounds and some may be larger so it will be an even better value! Some of these are worth over $200.00 per reel!

Gauge	lbs.	Stock#	Price
20 gauge	9lb Reel	**G15126**	**$55.00**
21 gauge	9lb Reel	**G15127**	**$62.00**
22 gauge	9lb Reel	**G15128**	**$64.00**
23 gauge	9lb Reel	**G15129**	**$66.00**
25 gauge	9lb Reel	**G15130**	**$68.00**
27 gauge	9lb Reel	**G15131**	**$70.00**
29 gauge	9lb Reel	**G15133**	**$74.00**
30 gauge	9lb Reel	**G15134**	**$76.00**
31 gauge	9lb Reel	**G15135**	**$80.00**

RCA Digital Heavy Duty 16 AWG Speaker Cable-100Ft Roll

Beautiful RCA speaker wire features heavy duty flexible stranded 16ga conductors with clear PVC jacket. This wire maximizes the sonic performance of all audio devices. Features 100% oxygen-free copper conductors. High power capability and polarity identified. Brand new with limited lifetime warranty by manufacturer! Regular retail price is $34.95. Weighs 4lbs. #DT100SW.
G14702 $14.50/Roll

Reel of 10,000 Bare Wire Jumpers

Factory reel of 2.5" Long 24 guage bare wire jumpers. These are very handy when assembling circuit boards. Each jumper is perfectly straight and is a shiny silver color- ready to be soldered in. Full reel containing 10,000 jumpers.
G14755 $29.95 ea.

White 3ft. F to F Cable

Molded white cable for connecting VCRs to TVs, cable boxes, etc. Brand new with high quality F connector on each end. Prime- High quality.
G14018 $1.00 ea.

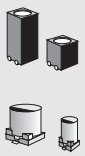
Capacitors – Surface Mount (SMD)

Super Power SMD Ceramic Capacitors

These are the latest types of multilayer ceramic capacitors. Great for thousands of applications where an electrolytic or tantalum capacitor can't be used. These are prime recently manufactured units by muRata and Panasonic. We have 3 different types. All are only .128"L (3.26mm) x 0.1" (2.54mm).

µF	Volts	Stock#	Price
4.7µF	10V	**G12952**	**5/$1.00**
10µF	10V	**G12953**	**4/$1.00**
22µF	10V	**G12954**	**3/$1.00**

SMD Radial Electrolytic Capacitors



µF	Volts	Stock#	Price
10µF	50V	**G8044**	**8/$1.00**
22µF	6.0V	**G8043**	**10/$1.00**
22µF	35V	**G7877**	**5/$1.00**
100µF	25V	**G9575**	**8/$1.00**
22µF	50V	**G9577**	**5/$1.00**
100µF	6.0V	**G8045**	**8/$1.00**
100µF	6.3V	**G7308**	**12/$1.00**
220µF	35V	**G7070**	**$1.00**

100µF 6VDC SMD Tantalum Capacitor

Small epoxy case smd tantalum capacitor is only 0.29"L x 0.17"W x 0.11"Tall. Prime fully marked- Blowout price!
G14463 10/$1.49

Chip Capacitor Assortment

Various SMD Capacitors. Over 100 pieces in a small zip bag.
G3118 $2.50

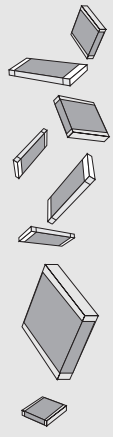
Special Purchase SMD 22µF 10V Tantalum

Tiny fully marked prime tantalum SMD chip cap is only 3.6mm L x 3mm W x 2mm Thick. We purchased these at a great price and are passing the savings on to you. These are on tape and reel.
G2132 10/$2.00

Ceramic Chip SMD Capacitors

Most case sizes are "1206" or "0805". Use stock# to order.

Value	Stock#	Price
2.2pf	**G200C**	20/$1.00
3pf	**G201C**	20/$1.00
4pf	**G202C**	20/$1.00
5pf	**G203C**	20/$1.00
12pf	**G204C**	20/$1.00
82pf	**G205C**	20/$1.00
100pf	**G206C**	20/$1.00
330pf	**G207C**	20/$1.00
680pf	**G208C**	20/$1.00
.001µf	**G209C**	10/$1.00
.0022µf	**G210C**	10/$1.00
.0033µf	**G211C**	10/$1.00
.0047µf	**G212C**	10/$1.00
.01µf	**G213C**	10/$1.00
.033µf	**G214C**	10/$1.00
.047µf	**G215C**	10/$1.00
.1µf	**G216C**	10/$1.00



Prime SMD Molded Chip Tantalum Electrolytic Capacitors

We have one of the largest selections and inventory levels of these prime tantalum SMD capacitors. Each SMD capacitor has been made by one of the top names: Kenet, Sprauge, Centralab or AVX. All are 100% prime but you need to hurry as we are unable to restock many of the values as they are becoming scarce! Sizes shown are approximate and sometimes vary slightly.

µF	Volts	Size(mm)	Stock#	Price
1	35	3.5 x 3.0	**G1852**	3/$1.00
2.2	35	6.0 x 3.2	**G1855**	3/$1.00
4.7	10	3.6 x 3.0	**G1859**	3/$1.00
4.7	16	6.0 x 3.2	**G1860**	3/$1.00
4.7	20	6.0 x 3.2	**G1861**	3/$1.00
4.7	25	6.0 x 3.2	**G1862**	2/$1.00
4.7	35	7.3 x 4.3	**G1863**	2/$1.00
6.8	16	3.6 x 2.8	**G1865**	3/$1.00
6.8	20	8.0 x 4.6	**G1866**	3/$1.00
10	16	6.0 x 3.0	**G1868**	3/$1.00
10	16	7.3 x 4.3	**G1869**	3/$1.00
10	25	7.3 x 4.3	**G1870**	2/$1.00
10	35	8.0 x 4.4	**G1872**	2/$1.00
15	20	7.3 x 4.3	**G1873**	2/$1.00
15	25	7.3 x 4.3	**G1874**	2/$1.00
22	6	7.3 x 4.3	**G1876**	2/$1.00
22	10	6.0 x 3.2	**G1877**	2/$1.00
22	10	7.3 x 4.3	**G1878**	2/$1.00
22	16	7.3 x 4.3	**G1879**	2/$1.00
22	25	7.3 x 4.3	**G1881**	2/$1.00
33	10	7.3 x 4.3	**G1884**	2/$1.00
33	16	7.3 x 4.3	**G1885**	2/$1.00
47	10	7.3 x 4.3	**G1887**	2/$1.00
68	10	7.3 x 4.3	**G1889**	2/$1.00
100	6	7.3 x 4.3	**G1890**	2/$1.25
100	10	7.3 x 4.3	**G1891**	$1.00
100	16	7.3 x 4.3	**G1892**	$1.00

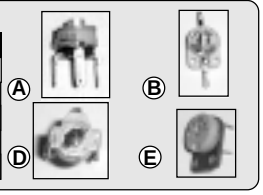
* Has long hookup tabs

Adjustable Capacitors

Ceramic Trimmer Capacitors

Fig.	Value	Size	Stock#	Price
A	2-23pf	7mm (Dia.)	**G1957**	**2/$1.00**
B	3-12pf	22mm (L) x 17mm (W)	**G9057**	**$1.00**
D	4-43pf	9mm (Dia.)	**G8448***	**$1.00**
E	5-25pf	19mm (L) x 13mm (W)	**G9371**	**$1.00**

*bottom adjust



Variable Tiny Trimmer Capacitors

Value	Stock#	Price
3-14pf	**G9004**	**3/$1.00**
3-25pf	**G7216**	**3/$1.00**
3-28pf	**G9225**	**4/$1.00**
6-52pf	**G1410**	**2/$1.00**

***All are 7mm (Dia.) x 5mm (H)**

Miniature 4-32pf Adjustable Cap

Miniature adjustable capacitor is only 6mm in diameter and 6mm tall. Green plastic case with adjustment slot on top. Has 2 solder pins for PC mounting.

G2156 4/$1.00
G2156A 100/$23.50

High Range Tiny Adjustable Capacitor 2-54pF

Small 2 lead variable capacitor can be set from 2 up to 54pF. Size only 0.24"Dia. x 0.19"Tall. Has slot for adjustment. Blue color case.
G14561 2/99¢

SMD 50pf Adjustable Capacitor

Tiny 50pf adjustable capacitor by Sprague is only .18"L x .16"W x .10"H. Has 2 tiny leads for connection to PC board and slotted adjuster on top. Has removable moisture clear protecting film on top. Brand new-Blowout price!
G14764 4/$1.00

1-7pf Adjustable Capacitor

Tiny rectangular trimmer capacitor is only 4mm square. Has 2 PC leads. Prime, precision made.

G9857 4/$1.00
G9857A 100/$22.00

Miniature Precision Ceramic .5pf - 5.6pf Adjustable Capacitor

Tiny ceramic adjustable 2 lead capacitor features metal adjustment slot on top. Size only .195" Dia. x .15" High. Lead spacing is .16". Made in Russia by Voltronics International Corporation. Very precision made.

G13324 2/$1.00
G13324A Factory Box of 1000/$250.00

Disc Capacitors

.05µF 25V Disc Cap

Small green case disc ceramic cap is only .38" Dia. With long leads.
G13623 6/$1.00

Super Disc and Mono Capacitor Assortment

Super assortment of mostly high quality disc ceramic and some mono capacitors. You will find values Pf up to .1µf and higher. Most have full length leads but some will have cut and formed PC leads. All are prime with the capacitance value marked or in cases of real small caps they are color coded. This is a tremendous value. Full bag of 100 pieces!
G15304 $5.00

Disc Ceramic Capacitors

Order disc ceramic capacitors by using stock#. Example: Order a .001µf disc ceramic capacitor by using "G564D".

YOUR CHOICE! **10/$1.00** (no mixing)

Value	Stock#	15pf	G542D	100pf	G555D	.0022µf	G568D
1.0pf	G530D	18pf	G543D	150pf	G556D	.039µf	G569D
2.2pf	G531D	20pf	G544D	180pf	G557D	.005µf	G570D
2.7pf	G532D	27pf	G545D	270pf	G558D	.0082µf	G571D
3.9pf	G533D	30pf	G546D	330pf	G559D	.015µf	G573D
4.3pf	G534D	33pf	G547D	390pf	G560D	.022µf	G574D
4.7pf	G535D	36pf	G548D	500pf	G561D	.05µf	G575D
5.0pf	G536D	47pf	G549D	560pf	G562D	.068µf	G576D
6.2pf	G537D	50pf	G550D	680pf	G563D	.10µf	G577D
8.2pf	G538D	56pf	G551D	.001µf	G564D		
10pf	G539D	68pf	G552D	.0012µf	G565D		
12pf	G540D	82pf	G553D	.0015µf	G566D		
13pf	G541D	91pf	G554D	.002µf	G567D		

Mono Capacitors

Monolythic Ceramic Radial Capacitors

Highest quality compact types made by top manufacturers for IC bypass, power supplies, computers, etc. All trimmed pc leads ready to install onto a pc board. Prime, fully marked 50V units! Size shown is width x height (excluding leads) and may vary slightly. All are 5mm lead spacing.

µF	Size	Stock#	Pkg of 10
.001µF	3.5mm x 2.3mm	G4405	$1.00
.01µF	3.6mm x 2.8mm	G4406	$1.00
.1µF	4.5mm x 3.2mm	G4408	$1.00

Tiny 0.01µF 50V Blue Mono Cap

Tiny 0.01µF radial lead mono caps are only 0.16"W x 0.15" Tall. These have 0.3" Long leads that have a crimp in them for PC board mounting. Each cap is prime and marked "103". Blowout Price!
G14646 50/99¢

.1µf 25V Mono Capacitor Blowout

We have thousands of these PC lead prime mono caps. They are fully marked and have about .22" lead spacing.
G2068 30/$1.00

.22µF 50V Mono Capacitor

Long lead mono cap features compact size only .27"W x .22"H x .12"Thick. Great for IC bypass, decoupling, etc. Rated .22µf 50VDC.
G15259 5/$1.00

Compact 1µF 50V Mono Cap

Prime full length lead mono capacitor is rated 1µF (105) @ 50V. Epoxy case with 0.2" lead spacing. On tape & reel. blowout price!
G14210 5/$1.00

Miniature Axial Mono Caps

Tiny axial lead monolythic capacitors. Many of these have had their leads cut and formed on 3/8" centers for PC board use, however some may not have been cut at all and some were cut but not fully bent over and formed. They are all prime marked epoxy mustard color cased units. You'll find .022µF(223), .01µF(103) and .1µF (104) values in each package. Great price.
G12780 50/$1.00

Mylar & Film Capacitors

High Voltage Film Capacitor Assortment

This tremendous assortment contains 8 powerful high voltage film capacitors. Capacitors may range anywhere from .1uf to 3.3uf and higher with voltage ratings from 200 to 400V. DC and AC types will be in the mix. This is a great opportunity to stock up and save! All caps are brand new. Package of 8.
G13240 $5.00

.27µfd 250V Compact Film Capacitor

Compact blue epoxy case film capacitor is only .67"L x .57H x .24" Thick. This is on tape and reel with leads formed to mount on .3" centers.
G15198 2/$1.00

Giant Mylar Capacitor 20µf 150VAC

Axial lead mylar capacitor is about 1.8"L x 1" diameter. Great for making powerful strobes, lasers, high voltage power supplies etc. Blowout price.
G14308 $1.99 ea.

1µF Mylar Capacitor

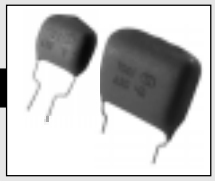
Blue epoxy case mylar capacitor is a rectangle that is about 0.28" sq. x 0.34" high. It is marked 105 and then NF (we believe it is 50V). Brand new with full length tape & reel radial leads. Blowout price.
G14396 10/99¢

Value	Volts	Size	Stock#
4700pF	630V	.57" x .51" x .27"	G14497
5600pF	1500V	.85" x .58" x .27"	G14498
5600pF	1800V	1.01" x .75" x .39"	G14499
7000pF	1250V	.85" x .6" x .3"	G14500
7500pF	1250V	.85" x .65" x .3"	G14501
8200pF	1250V	1" x .6" x .26"	G14503
9100pF	1250V	.86" x .65" x .34"	G14504
0.002µF	1800V	.83" x .55" x .27"	G14505
0.043µF	630V	.86" x .68" x .4"	G14506
0.100µF	630V	1.06" x .96" x .47"	G14507
0.430µF	315V	.76" x .67" x .34"	G14508

High Voltage Film Capacitor Blowout!

These are prime film capacitors with high voltage ratings, perfect for lasers, Tesla, geiger counters, ion generators, etc. Each is fully marked and has cut and formed PC leads. Brand new epoxy case types!

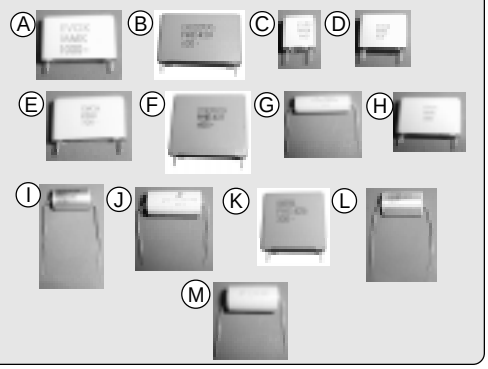
YOUR CHOICE **8/$1.00** (no mixing)



Metallized Polyester, Metallized Polypropylene & Metallized Polycarbonate Film Capacitors for Audio Crossover Applications

Low noise metallized film capacitors made for high end a/d/s/ car audio crossover systems. These were installed along with the audio inductors in their famous crossovers. Make your own powerful custom crossovers with these prime, new, high quality capacitors. Made by RIFA/EVOX, IC, ASC and other top brands.

Fig.	µF	Volts	Mtg.	Manuf.	Type	Size	Stock#	Price
A	.22µF	1000V	Radial	EVOX	(MMK)	1.2" x .4" x .8"	G13212	$1.00
M	.47µF	630V	Radial	RIFA	(PHE428)	1.6" x .6" x 1"	G13213	$1.25
B	1.5µF	63V	Radial	EVOX	(MMK)	.4" x .2" x .5"	G13214	$0.75
C	2.2µF	63V	Radial	EVOX	(MMK)	.7" x .3" x .6"	G13215	$0.85
D	2.2µF	100V	Radial	EVOX	(CMK)	1" x .3" x .6"	G13216	$1.00
E	2.2µF	400V	Radial	RIFA	(PHE427)	1.6" x .7" x 1.4"	G13217	$1.50
F	4.0µF	250V	Axial	—	—	1.6" x .5" dia.	G13218	$1.50
G	4.7µF	63V	Radial	EVOX	(MMK)	1" x .3" x .6"	G13219	$1.25
H	4.7µF	100V	Axial	ASC	—	1.1" x .6" dia.	G13220	$1.50
I	4.7µF	160V	Axial	IC	(MPW-R)	1.3" x .6" dia.	G13221	$1.50
J	6.8µF	300V	Radial	RIFA	—	1.2" x .8" x 1.2"	G13223	$2.00
K	10µF	100V	Axial	ASC		1.3" x .8" dia.	G13224	$3.50
L	10µF	100V	Axial	—	(MPT)	1.4" x .8" dia.	G13225	$3.50



"Greenies" Mylar Capacitors

Popular mylar capacitors for various electronic circuits. Most are green epoxy coated, but several are coated with different color epoxy. All are prime fully marked with standard leads.

µF	Volts	Stock#	Price
.0022µF	100V	G12878	10/$1.00
.0027µF	100V	G12879	10/$1.00
.0039µF	100V	G12880	10/$1.00
.0047µF	100V	G12881	10/$1.00
.0056µF	100V	G12882	10/$1.00
.0068µF	100V	G12883	10/$1.00
.022µF	630V	G12884	8/$1.00
.056µF	100V	G12886	8/$1.00
.068µF	100V	G12887	8/$1.00
.2µF	100V	G12889	5/$1.00
.27µF	100V	G12891	5/$1.00
.39µF	100V	G12892	5/$1.00
.56µF	250V	G12894	5/$1.00

DC Types

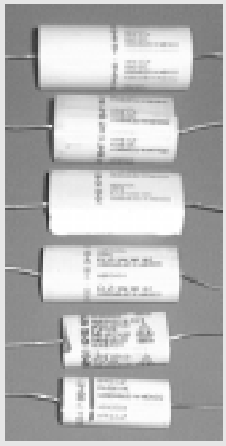
µF	Volts	Size (LxH)	Stock	Price
10µF	250V	2.3" x 1"*	G2305	$4.00
2µF	400V	1.2" x .8"	G12711	$1.75
3µF	400V	1.4" x .9"+	G12712	$2.00
3.3µF	400V	1.3" x .9"	G2303	$2.25
3.3µF	400V	1.8" x .9"	G12713	$2.35
4.7µF	400V	1.7" x .9"	G2304	$2.50
3µF	450V	1.4" x .9"	G12714	$2.45
.22µF	600V	1.8" x .6"*	G12716	$1.25
.22µF	600V	1.2" x .7"	G12717	$1.25
.33µF	600V	2" x .6"	G12718	$1.40
.68µF	600V	1.2" x .7"	G12719	$1.50
1µF	600V	1.3" x .8"	G12720	$2.00
1.5µF	600V	1.5" x .9"	G12721	$2.25

AC Types

µF	Volts	Size (LxH)	Stock	Price
10µF	150V	1.8" x .8"*	G12724	$3.00
20µF	150V	1.8" x 1"*	G2306	$4.50
3µF	200V	1.3" x .7"	G12725	$2.00
1.5µF	220V	1.2" x .5"	G12726	$1.35
2µF	220V	1.2" x .6"	G2301	$1.50
2.2µF	220V	1.2" x .6"	G12727	$1.60
2.5µF	220V	1.2" x .6"	G12728	$1.75
3µF	220V	1.2" x .7"	G2302	$2.00
4µF	220V	1.2" x .7"	G12729	$3.00
4.7µF	250V	1.8" x 1.4"	G12730	$3.25

Large Film Capacitors

Perfect for high voltage power supplies, lasers, stroboscopes or night vision circuits. Full length lead oval shaped axial types unless noted otherwise.



*Round Type +Radial Type

.003µF 35,000 Volt Capacitor

Super High Voltage .003uf capacitor rated 35KV (35,000 Volts)! These are perfect for high power lasers, radiation detection units, x-ray, tesla coils, etc. These are prime film capacitors with long axial leads. Brand new-hurry we sell out of these very fast every time we offer them! .003 uF 35KV. Size: 1 13/16"L x 1 1/4"W x 0.5"H with long wire leads. Brand new, prime. Manufactured by Matsushita (Panasonic).
G14878 $2.49 ea.

Compact Radial Mylar Film Capacitor

Small mylar film capacitors are fully marked and have full length leads that are on tape & reel. We have the following values available at a blowout price!

Value	Volts	Stock#
0.043µF	50V	G14544
0.15µF	50V	G14545
0.18µF	50V	G14546

Your Choice **25/99¢** *(no mixing)*

.001µF 1.2KV Compact Mylar Cap

High quality epoxy dipped high voltage mylar capacitor is only .7" L x .2" W x .4" H. With formed leads as shown on .6" centers.
G13318 10/$1.00

.0536µF 1% 63VDC Precision Film Cap

KP axial lead blue epoxy case precision film capacitor by Philips is about .55" x .26" Dia. Fully marked with full length axial leads.
G13648 5/$1.00

Low Profile 22µf 50V Radial Capacitor

Super compact 105°C rated capacitor is only 0.3" Tall x 0.28" dia. lead spacing is 0.20" on tape & reel. Blowout price!

G14299	20/$1.00
G14299A	100/$4.00

1µF 50V Non-Polar Radial Capacitor

Small radial electrolytic capacitor is rated 1µF 50V@85°C. Size only 0.44"Tall x 0.2"Dia. Has cut and formed PC Leads.
G14564 Bag of 100/$1.99

10,000µF 10V Radial Super Cap

Compact capacitor made by Nichicon features the latest in technology. This cap is only 18mm (dia) x 26mm (high) yet it's rated 10,000µF @ 10VDC 85°C. Great for thousands of applications including powerful Beam robots! These are full length lead units on tape and reel.

G4417	2/$1.00
G4417A	100/$35.00
G4417B	1000/$250.00

Compact 33µF 400V Radial Capacitor

High voltage radial electrolytic capacitor is only 1.04" tall x 0.64" dia. Features 0.5" long leads bent over at a right angle (can be straightened out easily). The leads are on 0.25" centers. Rated 105°, special price!
G14492 5/$1.00

Axial Elctrolytic Caps

Sizes are for reference only and might vary about 25%

µF	Voltage	Size(mm)	Stock#	Price
3.3*	50	12 x 5	G9194	14/$1.00
22	10	12 x 5	G9160	10/$1.00
22	25	12 x 5	G9180	10/$1.00
30	10	12 x 5	G9161	10/$1.00
47	6.0	12 x 6	G9152	25/$1.00
75	16	22 x 8	G9173	10/$1.00
150	16	16 x 8	G9175	10/$1.00
220	10	18 x 8	G9165	8/$1.00
470	16	22 x 10	G9177	5/$1.00
1000	6.0	25 x 12	G9156	6/$1.00
1000	100	40 x 20	G8735	$1.00
1000	100	55 x 22	G7352	$1.00
2200	25	40 x 15	G9183	$1.00
3300	25	40 x 17	G9184	$1.50

* Irregular leads

Small Diameter 1000µf 25VDC Radial Capacitor

This cap is only 10mm (dia) x 300mm tall. Rated 1000µf 25VDC @ 105°C. Long leads.
G14306 5/$1.00

2 Section High Voltage Radial Capacitor 220 microfarad 180VDC and 550 microfarad 180VDC

Nice upright electrolytic capacitor by Elna is rated 105 degrees C. Overall size excluding terminals: 2.5" tall x 1.44" dia. Black vinyl sleeve. Blowout price!
G14387 99¢ ea.

Super Power Strobe Photoflash Capacitor 100µf 330V

Compact photoflash capacitor is only 1.54"L x .45"Dia. Has long radial leads.
G14806 99¢ ea.

Radial Long Leads

Sizes are for reference only and might vary about 25%

µF	Voltage	Size(mm)	Stock#	Price
2.2	50	7 x 4	G9070	8/$1.00
4.7	50	7 x 4	G9072	8/$1.00
22	16	11 x 5	G9078	20/$1.00
22	25	11 x 5	G9079	20/$1.00
22	250	25 x 13	G9855	2/$1.00
33	6.3	7 x .4	G9081	10/$1.00
47	16	11 x 6	G9086	2/$1.00
100	10	11 x 8	G9089	20/$1.00
100	10	12 x 7	G8705	25/$1.00
100	35	13 x 10	G8709	10/$1.00
220	10	16 x 10	G9092	20/$1.00
220	35	20 x 11	G9095	8/$1.00
470	60	40 x 25	G9103	2/$1.00
1000	10	25 x 12	G9106	6/$1.00
1000	10	19 x 10	G9107	5/$1.00
1000	50	19 x 17	G9111	4/$1.00
1500	35	19 x 19	G9114	2/$1.35
2200	16	25 x 12	G9116	2/$1.00
2200	16	26 x 13	G8707	4/$1.00
2200	25	27 x 16	G9118	2/$1.25
2200	50	39 x 19	G8716	2/$1.00
3300	16	19 x 19	G9119	2/$1.00
3900	20	55 x 25	G9121	$1.00

Compact 220µF 100VDC Radial Electrolytic Capacitor

Compact,long lead radial electrolytic capacitor is rated 220µf 100V@105°C. Size only 1.03"L x .64"Dia.
G14626 4/99¢

33µF 300V Super Compact Capacitor

This is one of the smallest radial capacitors for this high of voltage we have ever seen. The capacitor works great for making powerful miniature xenon strobes. Size of capacitor is only .72"Dia. x .59"tall. The leads have been bent over for SMD mounting, however, its a simple matter to bend them straight and they are .3"L (great for thru-hole mounting). Brand new.
G14574 2/$1.00

4700µF 16V Radial Capacitor

High value radial capacitor is only 1" Tall x .64" Dia. Full length leads. Blue vinyl case. 85˚C.

G13652	2/$2.00
G13652A	10/$4.00
G13652B	100/$35.00

68µF 400VDC Electrolytic Capacitor

Compact oval shaped electrolytic capacitor is 1.25"L x 1"W x .6" Thick. Has 2 negative leads and one (+) lead. Brand new rated up to 105°C.
G12815 $1.00 ea.

50V Radial Electrolytic (106 pcs) Capacitor Component Kits

Here's a great way to have the correct capacitor on hand for a project or repair. These are just like our popular resistor kits and each capacitor kit features a label with components shown. The handy 10 1/2" x 5 7/8" x 15/16" tall cabinet features a multi-compartment pull out drawer and comes with a set of tweezers to use in component removal. Cabinets stack and interlock on each other so you can equip your workbench with an array of the most useful values. 8 each: 0.47µf, 1.0µf, 2.2µf, 3.3µf, 4.7µf, 10µf, 22µf, 33µf, 47µf, 100µf, 220µf, & 330µf. 6 each: 470µf, 4 each: 1000µf.
G14253 $15.95

High Voltage Radial Electrolytic Caps

µF	Voltage	Type	Leads	L x dia (mm)	Stock#	Price
0.1	100	Radial	Long	12 x 5	G7427	10/$1.00
0.1	100	Radial	Long	12 x 5	G6089	10/$1.00
1.0	100	Radial	Tape	12 x 7	G9720	5/$1.00
1.0	450	Radial	Tape	12 x 7	G9467	5/$1.00
10	100	Radial	Long	12 x 8	G6564	4/$1.00
22	100	Radial	Long	12 x 8	G9721	3/$1.00
33	100	Radial	PC	12 x 10	G6509	3/$1.00
82	400	Radial	Snap in	25 x 26	G8728	$2.50
100	100	Radial	PC	27 x 15	G5182	$1.00
100	450	Radial	Snap In	40 x 21	G9853	$1.49
100	450	Radial	Snap in	40 x 22	G8729	$2.50
120	400	Radial	Snap in	40 x 20	G8730	$2.50
330	160	Radial	Snap in	40 x 25	G3933	$1.25
330	200	Radial	PC	35 x 22	G9395	$2.00
330	250	Radial	Sanp in	30 x 30	G7349	$3.00
390	200	Radial	Snap in	30 x 22	G8722	$2.50
470	100	Radial	PC	35 x 17	G8715	$1.00
470	100	Radial	PC(3leads)	55 x 25	G9058	$1.00
470	200	Radial	Snap in	40 x 30	G9397	$2.49
680	200	Radial	Snap in	52 x 25	G8723	$2.75
680	200	Radial	Snap in	35 x 30	G9448	$1.00
820	200	Radial	Snap in	50 x 35	G8724	$3.00
820	200	Radial	Snap in	50 x 21	G9428	$1.20
1200	200	Radial	Snap in	52 x 35	G8726	$3.25

Sizes are for reference only and might vary about 25%

Electrolytic Capacitors

ELECTRONIC GOLDMINE

Super Compact Photoflash Cap 120µF 330VDC

Made by Rubycon this photoflash capacitor is only 2.1" L x .44" Dia. Features one red and one black 3/4" long color coded insulated leads. These are new but were cut off from photo strobe boards before final assembly. Blowout price!
G13596 $1.49 ea.
10/$12.00 • 100/$100.00

47µF 100V Radial Capacitor

Compact 47µf 100V capacitor features long leads and 85ºC rating. Size 0.45"H x 0.29" Dia.
G13761 20/$1.00

Compact Radial High Voltage Capacitors

Great for making strobelights or high voltage power supplies. Each is brand new with full length leads on tape & reel. Each is .83"T x .52"Dia. Rated at 47µF 200 Volts.
G12602 $1.00 ea.

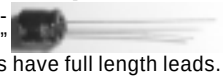
Compact 3300µF 16VDC Radial Electrolytic Capacitor

This large value capacitor is 1"H x 0.65" Dia. and is rated 3,300µF 16VDC@105°C. Has 0.25"L PC leads.
G14604 3/99¢

Compact 33µF 400VDC Capacitor

This is a very recent design cap that is perfect for high voltage power supplies, strobes, lasers etc. It was made by Panasonic of Japan and features a very compact 32mm (H) x 16mm (Dia.) case. Temp rating is +105°C. Features PC leads on 7mm centers.
G4039 $1.00 ea. • 100/$80.00 • 1000/$500.00 • 10,000/$4000.00

Ultra Compact 10µF Radial Capacitor



Small 10µF 63V radial capacitor is only .29" Tall x .25" dia. These prime capacitors have full length leads. On tape & reel.
G13646 10/$1.00

Snap In Capacitors

Compact 470µF 200V Snap In Capacitor

This is probably the most compact 470µF 200V@105°C "snap in" capacitor we have seen It is only 1.02" High x 1.19" Dia. Leads are on 0.4" centers.
G14760 $1.00 ea.

470µF 250V Compact Snap In Capacitor

Compact 470µF snap in capacitor is 2" Tall x .88" Dia. Rated 85°C. Leads are on .35" centers.
G13595 $2.00 ea.

330µF 200V Compact Snap In Capacitor

Compact snap in capacitor rated 85°C is only 1.29" Tall x .88" Dia. Leads are on .35" centers.
G13594 $1.00 ea.

470µF 200V Snap In Capacitor

Made by Nippon Chemicon, this snap in capacitor is 1.6" Tall x 1" Dia. Rated 85°C.
G13915 99¢ ea.

1000µF 200V Snap In Capacitor

Compact snap in capacitor by Nichicon is rated 1000°f 200VDC @ 85°. Size only 1.64"Tall x 1.20"Dia. These are new but may have slight scratches on the vinyl wrap as they were shipped to us in bulk.
G15369 99¢ ea.

Super Capacitors

Compact Super Cap .047 Farad 5.5VDC

Made for memory backup, these caps can also be used in place of batteries in small solar powered projects and robots. Size only 1/2"Dia. x 3/16" tall. Brand new-prime. Made by TONKIN.
G1399 $1.00 ea. • 10/$8.00 • 100/$75.00 • 1000/$650.00

Ultra Compact Super Capacitor 220,000µF 5.5V (0.22Farad)

This is the latest type design in super capacitors. It is only 0.375" Tall x 0.192"W. This is so powerful that it works like a battery. You can charge this tiny capacitor up and it will power a flashing LED for a while. Great for storing solar power when making tiny robots. This is absolutely the best and smallest 0.22 farad, 5.5V capacitor we have ever offered!
G14761 $1.49 ea.

Tantalum Capacitors

Prime Dip Tantalum Capacitors Special Purchase

We made a tremendous buy on fully marked prime dip tantalum capacitors. Hurry we will probably never be able to offer these at this low price again.

Value	Volts	Stock#	Price
.33µF	16V	G13414	20/$1.00
1µF	25V	G13417	15/$1.00
1.5µF	35V	G13419	10/$1.00
4.7µF	10V	G13422	8/$1.00
4.7µF	16V	G13423	8/$1.00
4.7µF	35V	G13424	7/$1.00
6.8µF	6V	G13425	7/$1.00
6.8µF	16V	G13426	6/$1.00
10µF	10V	G13429	5/$1.00
10µF	16V	G13430	5/$1.00
10µF	25V	G13431	4/$1.00
22µF	6V	G13433	4/$1.00
22µF	16V	G13434	4/$1.00
33µF	10V	G13435	4/$1.00
47µF	6V	G13437	3/$1.00
68µF	6V	G13438	3/$1.00
68µF	10V	G13439	3/$1.00
100µF	3V	G13440	3/$1.00

Dip Tantalum Capacitors

Prime tear drop shaped solid dip tantalum capacitors. These are marked, fresh units made by Kemet, Mallory, Sprague, Panasonic etc. We have three different types of leads:

A=Long Leads B=PC Formed Leads C=Tape & Reel D=PC Leads

Value	Volts	Leads	Stock#	Price	Value	Volts	Leads	Stock#	Price
.47µf	35V	A	G7082	4/$1.00	10µf	25V	B	G7095	2/$1.20
.68µf	35V	A	G7084	4/$1.00	10µf	35V	D	G1726	3/$1.00
1µf	35V	A	G1713	4/$1.00	15µf	10V	B	G7097	3/$1.00
2.2µf	35V	D	G1716	3/$1.00	15µf	20V	D	G1729	3/$1.00
2.2µf	35V	B	G7087	3/$1.00	22µf	10V	A	G1731	3/$1.00
2.2µf	50V	A	G1717	3/$1.00	22µf	15V	A	G1732	3/$1.00
3.3µf	16V	A	G7088	3/$1.00	22µf	16V	A	G7098	2/$1.00
3.3µf	25V	D	G1719	3/$1.00	47µf	6V	A	G7102	2/$1.00
4.7µf	10V	A	G7091	3/$1.00	68µf/	15V	B	G7105	$1.10
4.7µf	16V	C	G7092	3/$1.00	330µf	6V	A	G7112	$3.00
4.7µf	25V	A	G1720	2/$1.00					
10µf	16V	A	G1724	2/$1.00					

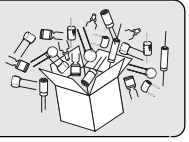
10µF 35V 3 Lead Dip Tantalum Cap

Epoxy case dip tantalum capacitor features common outer leads and a center lead (3 leads total). These are prime factory parts marked 106 35K with full length leads on tape & reel.
G14359 9/99¢

Tiny 10µF 6.3V Dip Tantalum

Tiny long lead marked 10µF 6.3V dip tantalum capacitor. Made by Sprague.
G13942 10/$1.00

Box of Capacitors



Box full of all types of capacitors including: disc ceramic, tubular mylars, electrolytics, tantalums, etc. Some PC leads, but all are marked and prime. You get at least 1,000 pcs in a 7" x 5" x 5" cardboard box. This is a great way to stock up your parts bin.
G3060 $20.00

Silver Mica Assortment

Useful assortment of 20 marked dipped silver, mica capacitors.
G137 $1.00

CDS Cells

Medium "Pancake" CDS Cell

Flat .43" x .40" oval shape CDS cell features epoxy dipped surface for moisture blocking. Resistance varies with light. Dark resistance over 1MΩ- Light resistance less than 200Ω. Full length leads.
G15178 99¢ ea.

High Resistance CDS Cell

Small high resistance CDS cell with surface dipped in clean epoxy to help keep out moisture. Size of cell is .29" x .26". Dark resistance over 50MΩ- Light resistance less than 1KΩ.
G15179 $1.29 ea.

Tiny CDS Cell

Tiny CDS cell varies resistance with light. These feature a top surface of .16" x .14". Top of cell has been dipped in clean moistureproof coating. Has long leads. Dark resistance over 20MΩ- Light resistance less than 1KΩ.
G15175 2/$1.00

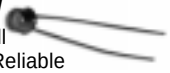
Large High Resistance CDS Cell

Large hight resistance CDS cell with surface dipped in clean epoxy to help keep out moisture. Size of cell is 1" x .85". Dark resistance over 25MΩ- Light resistance less than 1KΩ.
G15182 $1.39 ea.

3 Lead CDS Cell

Small .29" x .26" CDS cell features 3 leads. Between the outher leads the resistance in the dark is over 100MΩ. In light the resistance between the outer leads is less than 1KΩ. The center lead is connected as a tap to the 2 outer leads, however it does not divide the resistance between the outer leads in equal values. Long leads.
G15180 $1.49 ea.

T018 Metal Case CDS Cell



Small T018 metal case CDS cell varies its resistance with light. Reliable sealed case with clean top window and full length leads. Light resistance less than 1K- Dark resistance over 20MΩ.
G15176 $1.00 ea.

Giant CDS Cell

Giant light sensitive 1" Dia. CDS cell with dark res. in megohms and light res. less than 1KΩ. Prime! Brand New!
G1296 $1.00 ea.

Large Metal Case CDS Cell

Fully enclosed CDS cell with clean top lens features long leads and sturdy construction. Resistance varies with light- Dark resistance over 100KΩ- Light resistance less than 100Ω.
G15181 $1.25 ea.

Standard Size CDS Cell

Small .29" x .24" x .07" CDS cell with long leads. The head of this CDS has been dipped in clean epoxy to help block moisture. Dark resistance over 8M- Light resistance under 1K.
G15177 2/$1.00

Giant CDS Cell Assortment

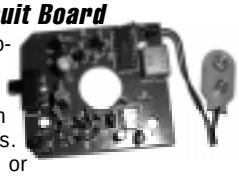
This is our largest and best variety of light dependent resistors (CDS cells) that we have ever offered. You will find metal case, plastic case, ceramic, giant types and miniature types. Each assortment contains several different CDS cells. CDS cells change their resistance from a few ohms in light to K ohms or meg ohms in darkness. All have full length leads but a few may be defective so we give you 20 pieces. Great for experimenting or designing all types of robot projects, light sensitive alarms, light sensitive switches, etc.
G14025 Package of 20/$3.00

Circuit Boards

Wireless Door Alarm Circuit Board

This circuit board was the heart of a wireless alarm system. When a door or window was opened the reed switch contacts on this board would operate causing the circuitry on this board to transmit a 433mHz signal to an alarm receiver. Sold "AS IS" only. Size about 4"L x 1.68"W (aprox.). Made for 9VDC operation. Sorry no specs or hookup info.
G15306 99¢ ea.

Electronic Chime Circuit Board

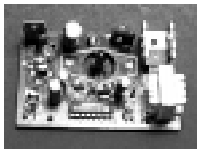


This was the inside of a sophisticated electronic doorbell and it can reproduce a 2 tone doorbell sound with minimum additional parts. Just supply any small (2" or greater) speaker, a pushbutton switch and one 9V battery. We supply the hookup diagram. Size 2.5" x 2.16".
G15268 99¢ ea.

Magic Sound Switch

Triggers with "clap of hands". Turn on low voltage lamps, motors, radios, relays etc. Operates on 3VDC. Has built in crystal microphone, SCR and sensitivity control. Complete with schematic. Size 2" square.
G2219 $1.00 ea.

12VDC Fluorescent Tube Driver Board

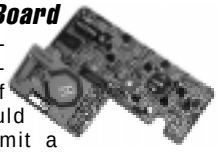


Designed to convert 12VDC to a high voltage needed to drive fluorescent tubes such as our blacklight tube or our white backlighted display panel. Simply connect 12VDC to the input terminals, connect start terminals together, and whatever tube you have connected to the output terminals will light up for about one minute. The board then needs to cool for a minute before you activate it again. Features a red "on" LED indicator. Size: 2 7/8" x 1 7/8".
G9614 $1.89 ea.

Sophisticated Photo Strobe With Automatic Flash Power Output Circuit

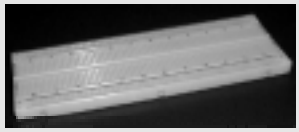
Sophisticated photo strobe features automatic adjustment of flash power, IC circuitry and small Xenon strobe tube with reflector. Unfortunately we do not have the hookup info on this strobe so we are selling it at a blowout price. No case or batteries available. These look like they are in new condition ready to be installed into the case. Sold "AS IS" only.
G14812 $1.99 ea.

433mHz Wireless Glass Break Sensor/ Transmitter Circuit Board



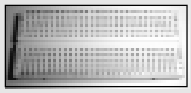
These were from a wireless alarm unit that detected the sound of breaking glass. It would upon activation transmit a 433mHz signal to an alarm receiver. The ultrasonic transducer has been removed and so we are selling this board "AS IS" only. We have no specs or other data except we know it operated on 9VDC and is about 2.9" x 4". There actually is 2 boards connected. The smaller PC board shown is a self contained 433mHz transmitter board.
G15307 99¢

Large Universal Breadboard



Handy breadboard for making prototype circuits. White 6 1/2" x 2 1/8" quick connect breadboard accepts almost all types of electronic components and wires. Consists of 126 groups of 5 connected terminal points and 8 bus lines of 25 connected terminals. Brand new-High quality.
G8534 $4.75 ea.

Super Breadboard



Compact breadboard for making prototype circuits features 60 groups of 5 connected terminal points. Handy for prototyping thousands of circuits. Each terminal firmly grips the lead or IC pin inserted into it. Reusable over and over again. Size 3 1/4"L x 1 3/8"W. White color plastic with peel and stick foam tape on base so you can mount it on a chassis if desired.
G9849 $3.98 ea.

Bag of Coils

Sealed manufacture bags of 100 coils. These are all prime and made by Communications Associates. Has wire leads. 1/8" one hole ferrite bead.
G6624 Bag of 100/$2.00

Adjustable Slug Tuned Coil

Small coil features about 10 turns of wire on a 3/16" Dia. form. Has ferrite slug that is adjusted from bottom of coil.
G7024 4/$1.00

Toko Coil

Small transformer coil made by Toko for use in circuit to drive displays using 3V to 12VDC. Coil comes complete with schematic of a simple 2 transistor 2 resistor inverter circuit using the Toko Coil, you supply transistors and resistors, etc.
G2859 $1.00 ea.

Dale Ferrite Core 10µH Inductor

High quality inductor made by Dale features a 10µH value and heavy duty tinned wire leads. We're not sure how many amps this inductor can handle, but it probably is at least in the 10 to 20 amps range. Part# is 1H-20, 10µH. Size about 1 1/2"L x 5/8"Dia.
G9984 $1.00 ea.

Mini20µH Radial Inductor

Small radial 20mH inductor with long leads. Size about 3/8"H x 3/16"Dia.
G1325 5/$1.00

Computer Items

Brand New Internet Keyboard by IBM

This smooth action keyboard features a detachable palm rest for greater comfort and various word processor, spreadsheet, and internet "hot keys". Although it is brand new we do not have software to use with the keys so we were not able to see any results from pressing the various hot keys - all regular keys and functions work fine. If you know how to activate these "hot" keys this is a tremendous price! Beige color. Brand new in plastic wrap/bag but no retail packaging and no other info on use of hot keys available. Branded IBM model KB-7993
G1613 ~~$10.00~~ SALE! $6.00 ea.

IBM Wireless Full Size IR Keyboard

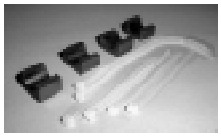
Very nice quality black color wireless IR keyboard by IBM part# 19K1800. These operate on 4 "AA" batteries (not included) and have a built in stick type joystick. They are brand new, however we do not have the IR receiver for these or any documentation. These are labeled with part# and the words "I-Point™" on bottom of keyboard.
G15326 $9.95 ea.

CD-Rom Cardz

Very popular CD-Rom cardz feature at least 4 CD-Rom cards in each set. The CD-Rom cards contain an in-depth look at the story, characters, actors, movie highlights, screensavers, film trailers, sound FX, etc.These collectible sets are brand new and sell for about $19.95 per set on the internet and in stores. Both PC and Mac compatible. Works in most tray type CD-Rom computer drives. Not compatible with slot loading CD drives. We have the following sets available:

Title	Stock#	Price
Lord of the Rings™	G13879	$5.00/Set
Stuart Little 2™	G13880	$5.00/Set
Outer Limits™	G13881	$5.00/Set
Planet of the Apes™	G13882	$5.00/Set
Stargate SG-1™	G13883	$5.00/Set
Final Fantasy™	G13884	$5.00/Set

Ferrite Core Interference Reduction Kit for Monitors



Special ferrite core material and tie straps in a handy package. This kit was to be supplied with video monitor cables. It has complete simple to use instructions. To use just place both halves of the ferrite core (2 complete sets are included) around the end of the monitor cable (by the connector) that goes into the computer and then cinch the tie wrap included around the core. Repeat the process for the other end of the cable that goes to your monitor and you have an easy way to reduce or completely eliminate any RF interference. Brand new sealed package with cores, tie wraps and instructions. Perfect for computer monitors!
G7771 $1.00/Set

6 Outlet Grounded Plug

This handy 6 outlet grounded plug converts any standard 2 outlet wall outlet (grounded type) to a 6 outlet plug. Simply plug it into your existing wall outlet. Rated 120VAC, 15amps, 1800 watts. Brand new.
G9824 $3.98 ea.

Super Power Surge Protector Outlet Strip & Modem Modular Jack

Brand new 7 outlet power strip with 4ft. power cord, indicator light type on/off switch, protection indicator light and auto power shut down when surge protection capacity is reached. Rated at an incredible 450 Joules for surge energy dissipation. Maximum surge voltage is 6000 volts and maximum spike current is 13,500 amps. With additional protected computer modem modular jack with 70 Joule protection. These high quality units are made by Woods and are individually boxed.
G9608 $12.00 ea.

Tiny Trackball

This is probably the tiniest trackball ever made! It measures only 1 11/16"L x 13/16"W x 3/8"H. Made by Alps for a major laptop computer maker that went out of business. They are very precision made and highest quality. The components are all SMD with an IC marked 3JA1DT002/TB6012CF and a tiny 8 position connector. They appear to be complete, new and very recent in manufacture. We have no hookup info or schematic, but at this price we know that you'll be impressed and want to experiment with them, use them for replacement or figure out the hookup!
G5514 $1.50 ea.

Lighted Universal PDA Stylus

Very handy PDA stylus has a tip that lights up yellow for using your PDA in low light conditions. Has different screw on end caps to allow use with Palm (tm) M100 series, M500 series, III, V, VII series, Handspring (R) Visor, Deluxe, Neo, Platinum, Prism, Compaq iPaQ (TM) 3100-3700 Series, Sony CLie (TM) PEG N, PEG-S Series, IBM Workpad (TM) C3, C505 and TRG Pro (TM). Has built in BR435 3V lithium battery. Brand new in retail package by SAItek.
G14937 $1.99 ea.

Microphone for Computer Sound

High quality microphone for use with your computer sound system features grey cord, handy peel-N-stick mounting holder and 3.5mm plug as shown. Prime unit-same as sold in many computer stores.
G7939 $2.49 ea.

Motorola Wireless Instant Messenger

IMFree™ Wireless Instant Messenger is a lightweight portable device by Motorola that allows you to free up the family computer while allowing your kids to enjoy the nonstop fun of wireless instant messaging. The user of this small hand held (4.5" x 4.8" x 1.3") portable device can roam anywhere up to 150 feet from an internet connected PC base station. Starter package includes adapter, rechargeable wireless messenger, base station with USB cable, CD rom software, and instruction booklet. Works with any AOL Instant Messenger account (you don't even have to be an AOL customer as this is free). Brand new in retail blister package. Compatible with Windows 98SE/ME/2000/XP. Regular price $99.99.
G14849 $49.99 ea.

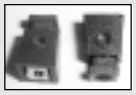
Touch Sensitive Gliding Type Mouse

Late model touch sensitive mouse made for laptop computers. These are about 4 5/8" x 2 7/8" x 3/16". They have a part# of 808-874649-002-A 66503215 Rev. B on the part. Contains several ICs and a 4 pin miniature female connector on the circuit board underneath unit. Has large touch area and 2 click buttons. These are brand new complete made by ALPS. Perfect for experimentation or replacement. Sorry no other data available.
G1283 ~~$2.49~~ SALE! $1.00 ea.

DB15 Male to DB15 Female Mac VGA Extension Cable for Monitor

Molded computer cable is 6.5ft long and features a male DB15 on one end and a female DB15 on the other.
G14089 $1.49 ea.

Quick Connect Insulated "Push Down" Wire Connector for PC boards



Small rectangular plastic connector is mounted to your PC board using screw supplied (this is also used for the electrical connection to the PC board). To connect a wire to that electrical connection on your PC board, you simply push down on the top insulated button and insert up to an 18ga. wire. When you release the button the wire is held firmly making perfect electrical contact. Great for car audio projects. Size about .5" sq. x .75" tall. We have two colors available.

G13130	Red	2/$1.00
G13131	Black	2/$1.00

BNC 45° Connector DS-3/4 Interconnect Type 735 Coaxial Cable

This crimp on BNC connector is type 2026-30-7 and is approved for SBC use. Made by Kings Electronics, these are in factory sealed bags with instructions printed on the bag.

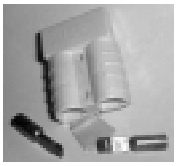
G13895 $1.00 ea.

"F" to RCA Adapter

Handy adapter has a female "F" connector on one end and a male RCA plug on the other. Size is about 1 7/8" (L). Excellent quality heavy duty unit.

G9726 $1.00 ea.

Anderson Power Products Heavy Duty SB Connector Rated 50Amps



Type SB50A connector by Anderson is standard in solar installations, golf cart chargers, trailer electrical light hookups, battery chargers, etc. This unique connector can mate with another just like it (no need for male and femal type). Handles cable size of 6AWG down to 16 AWG. these are brand new, white in color and come with cable contact terminals. Simple to use and very reliable. New in manufacturer box with instructions. These sell for $7.50 regularly.

G15296 $3.99 ea.

Gold Plated Audio Quick Connect Wire Terminals

High quality gold plated terminals made to connect speaker wires to speakers. These are brand new and were made for a/d/s/. They are about 1/2" diameter x 3/4" tall. To use simply mount terminal to 1/4" thick cabinet using the supplied bolt. Now press down on the top of the terminal and 2 holes about .15" in dia. appear so you can insert your wire or wires. When you release the top, a firm perfect audio connection is made. Brand new-precision made. Available with color code insert on top of black or red.

Black	G13136	$1.49 ea.
Red	G13137	$1.49 ea.

Gold Plated RCA Male Plug

Very high quality gold plated RCA male plug was made for use in a/d/s/ car stereo system applications. It features a gold plated strain relief, a gold plated knurled metal body and a thin color band (red or black) to allow easy identification. This is a very nice plug! We have 2 colors.

Red Band	G13140	$1.49 ea.
Black Band	G13141	$1.49 ea.

Straight BNC Connector Type 2025-95-7

Made by Kings, this crimp on connector is made for type 734 coax cable. Brand new in sealed bag with instructions printed on bag.

G13984 $1.00 ea.

LCC Plug Kit 3-pc Type Connector

Small precision connector for coax cable comes in sealed bag with instructions. We have 2 types made by ADC.

4-40001-2556 45	G14158	$1.00 ea.
4-40001-2565 42	G14159	$1.00 ea.

8 Pin Din Connector

Right angle mount 8 pin din connectors for standard size din plugs. Blowout price.

G14459 5/99¢

"F" to RCA Adapter

Handy bulkhead type connector adaptor has female "F" type connector on one end and female "RCA" type connector on other end. Very useful for hundreds of applications. These are precision chrome plated high quality types with panel mounting nut and washer.

G6644 $1.00 ea. • 10/$5.00 • 100/$35.00

75Ω Full Crimp TNC Connector for Flexible Coax Cable

Made by Trompeter, this crimp type connector is part # UPL240-026. These are brand new in sealed bags with instructions on the bag.

G13892 $1.49 ea.

WECO Screw Connector Terminal Blocks for PC Boards

High quality screw connector wire terminal blocks for PC boards feature 3 poles per block. Accepts wire from 26 gauge up to 14 AWG. Rated 300V 20amps. Type 941-T-DS/03 by WECO is grey in color .6"L x .49"W x .47"H. Center to center spacing is .2" and each block can be interlocked with each other to form any size block you desire. Each block has 3 pins that are soldered into your PC board. Prime made in Canada. These cost over 50¢ each from other distributors.

G12942	5 blocks/$1.00
G12942A	Factory Box of 250 for $40.00

Copper Clad

Copper Clad

Prime double sided copper clad glass epoxy material for making PC boards. Factory matte copper finish to facilitate easy etching. Shine up with steel wool if desired. Available in .021" thickness only.

Size	Stock#	Ea.	10 for
3x4	**G2622**	**$0.39**	**$3.50**
3x6	**G2624**	**$0.55**	**$5.00**
4x8	**G2626**	**$0.95**	**$9.00**
4x10	**G2628**	**$1.20**	**$11.00**
5x8	**G2630**	**$1.20**	**$11.00**

Size	Stock#	Ea.	10 for
5x10	**G2632**	**$1.50**	**$14.00**
6x7	**G2634**	**$1.60**	**$15.00**
6x12	**G2636**	**$2.15**	**$20.00**
8x10	**G2638**	**$2.40**	**$23.00**

Crystals

Quartz Crystals

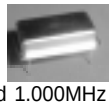
We have just received a large shipment of prime crystals from a cellular phone, pager and communications equipment mfg. A government contract ended and you can buy these at a fraction of their cost.

Stock	Frequency	Case	Price	Stock	Frequency	Case	Price	Stock	Frequency	Case	Price
G5162	1.8432MHZ	B	**$1.00**	**G5169**	5.7143MHZ	B	**$1.00**	**G3842**	16.000MHZ	B	**$1.50**
G6192	2.097152MHZ	C	**$1.00**	**G619**	6.02128MHZ	C	**$1.00**	**G3843**	17.064MHZ	B	**$1.25**
G3828	2.4576MHZ	C	**$1.00**	**G5171**	6.4512MHZ	B	**$1.00**	**G3845**	19.6608MHZ	A	**$1.60**
G6191	2.868MHZ	B	**$1.00**	**G5172**	6.500MHZ	B	**$1.50**	**G3846**	20.000MHZ	A	**$1.75**
G5164	2.88MHZ	C	**$1.00**	**G3836**	8.000MHZ	B	**$1.50**	**G5179**	20.000MHZ	B	**$1.50**
G614	3.579545MHZ	C	**$1.00**	**G7600**	8.000MHZ	A	**$1.50**	**G7591**	22.5790MHZ	B	**$1.25**
G615	3.579545MHZ	B	**$1.00**	**G3837**	10.000MHZ	B	**$1.50**	**G6187**	24.000MHZ	A	**$1.25**
G3832	4.000MHZ	B	**$1.50**	**G3838**	10.800MHZ	A	**$1.60**	**G7147**	24.000MHz	B	**$1.00**
G616	4.194304MHZ	C	**$1.00**	**G3839**	11.000MHZ	B	**$1.50**	**G7148**	25.000MHz	B	**$1.00**
G3833	4.500MHZ	A	**$1.75**	**G3840**	12.000MHZ	B	**$1.50**	**G6193**	28.000MHZ	A	**$1.25**
G7617	4.9152MHZ	A	**$1.25**	**G5174**	14.085MHZ	B	**$1.00**	**G7616**	32.000MHZ	A	**$1.25**
G7590	5.0MHZ	C	**$1.50**	**G6186**	14.31818MHZ	A	**$1.25**	**G7592**	32.000MHZ	B	**$1.25**
G5168	5.034963MHZ	B	**$1.00**	**G3841**	14.7456MHZ	A	**$1.60**				

Resonators by Murata

455KHZ ceramic resonators for RF circuits made by Murata. These are prime new branded units. 455E.
G5066 4/$1.00

1.000MHz Oscillator



Precision oscillator operates on 5VDC and produces a stable 1.000MHz signal. Only 4 leads to connect (5VDC in, and 1.000MHz out). Size only 3/4" x 1/2". Prime metal case unit.
G8160 $1.00 ea.
10/$8.00 • 100/$75.00 • 1,000/$600.00

10MHz Tiny Crystal

Tiny metal can crystal is only 0.39"L x 0.18"W x 0.13"H. Has radial leads on tape & reel. Marked RXD10.0. Brand new- Blowout price!
G14469 10/$1.49

Crystal Oscillators

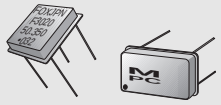
We have a huge selection of these prime metal case crystal oscillators. Each requires only 5VDC to operate. These are highest quality types made by famous manufacturers such as Dale, Fox, M-TRON, CTS, etc. Simple to use, great for replacement or new construction. Sorry - no spec sheets available. All are branded and frequency marked.

Stock#	Frequency	Stock#	Frequency
G6194	4MHz	G5155	32.000000MHz
G7136	9.600MHz	G6934*	36.000MHz
G7602	12.000MHz	G7598	40MHz
G7139*	14.400MHz	G5157	40.000000MHz
G5143	18.4275MHz	G7142	48.000MHz
G5146	18.870MHz	G5158	50.000MHz
G5147	19.6608MHz	G7775	55.80000MHz
G5148	20.000MHz	G6189	56.666MHz
G7603	20.2MHz	G6190	62.955MHz
G7604	22MHz	G7143*	64.00MHz
G5149	22.118400MHz	G7611	64.000MHz
G5150	24.000000MHz	G6935*	66.666MHz
G7140	25.000000MHz	G6198	69.251MHz
G7597*	32.0000MHz	G7614	80.000MHz

* Square Case

YOUR CHOICE **$1.00 ea.**

PIN #	CONNECTION
1	N/C
7	GND
8	OUTPUT
14	+V$_o$

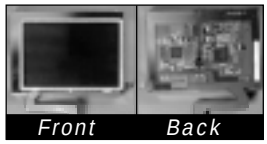


50.000000MHZ Precision Crystal Oscillator

We made a special purchase of these 100% prime 50.000000MHZ 5VDC metal case crystal controlled oscillators made by Fox. Brand-new fully marked requires only + 5VDC and ground to operate. Has 4 pins which may be slightly bent from being shipped in bulk to us (it only takes a couple of seconds to straighten them out). Blowout price!
G13110 4/$1.00

Displays

Sony® ACX705AKM Color LCD Module



SonyACX705AKM 6.92cm diagnol reflective color LCD module. This 512 colors LCD color module is brand new and is made for PDAs. Features an active matrix thin full color reflective TFT-LCD module with built in bright front light unit and driving board. The module provides low power consumption which is realized by built in 3-bit digital interface circuitry. Total number of active dots = 115,200. Module dimensions 71.4mm x 52.0 mm x 4.8mm (parts area 6.55 mm tall max). Effective display dimensions 57.6mm (H) x 38.4mm (V). Has 22 pin (.5mm spacing) flex cable with gold plated fingers. Great for all types of miniature full color displays. See complete specs on internet! Brand new and worth over $88 each.
G13752 $19.95 ea.

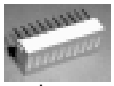
Large Graphic LCD Display

Large 640 X 200 B.W. Graphic LCD Display. Made by Epson part #P3000 13100, these were made for an IBM laptop computer. They feature a 20 pin edge connector, various IC's, a 10.8" x 4" active area and a slide port for contrast control. These are brand new in factory packaging. They are similar to the Epson EG7001. Prime - Top quality. Sorry, no info or hookup diagram available. Blowout Price!
G14876 $1.99 ea.

HP Tiny Bargraph 5 LED Strip Display HLMP-6675

Consists of 5 matched bright red LEDs on a strip only. 0.5"L x 0.11"H. Has 10 leads. Each LED has a diffused red dome lens. Each LED operates from 2.8VDC. Great for level meters, small battery power meters, audio strength meters, etc.
G14257 2/$1.00

Multicolor HP Bargraph Display



Beautiful 10 segment bargraph features a multicolor display. HP# HDSP4836. The first 2 segments are bright red, the next 2 are bright yellow, the next 2 are bright green, the next 2 are bright yellow and the final 2 are bright red. Brand new prime. About 1" long x 3/8"W.
G9314 $1.49 ea.

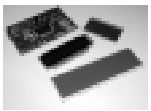
HP Green 10 Segment Bargraph Display

Bright green high quality 10 segment bargraph display is perfect for audio or power level meters. Type hp 3489 is about 1" long x 3/8" wide. Long wire leads! Prime.
G8942 $1.25 ea.

1 x 24 Character LCD Display Module WDC2401P-16NNA

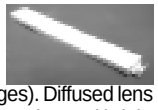
Compact display module by Wintek features build in driver IC. Has 14 pin male header with pins on .05" spacing. Size about 4 1/4" x 3/4". Brand new- Nice quality. See complete specs and hookup info on internet.
G15318 $1.99 ea.

LCD Display Assortment



Assortment containing 4 different LCD displays or modules. Great for experimenting /learning about LCD displays. All prime–but no specs or data
G8762 $2.00

Large Unique Backlight Panel



Very unique 6 3/8" long x 7/8"wide x 3/8" thick white panel lights up a bright yellow/green when 4VDC is applied (use a dropping resistor for higher voltages). Diffused lens with "even glow" LEDs produces an attractive and bright glow area. Made to be put behind LCD displays but can be used for thousands of high efficiency lighting projects. Has 2 solder pad terminals for power connection.
G14880 $1.99 ea.

Giant Display Assortment

All kinds of quality displays including LCD, Bargraphs, Dot types, LED Bars, fluorescent, etc. These are all 100% prime although sometimes a face may have a slight scratch due to packaging them together in bulk, but this in no way effects the appearance when operated. All are brand new! Giant assortment of 25 pieces.
G9877 $5.00

Powertip PC1202-A LCD Display with Backlight and Controller

Compact 24 character display board is only 2 3/16"L x 1 1/4"W yet it has built in LCD controller, segment driver, backlight with a 2" x 7/8" LCD display area. Operates on 5VDC and has contrast adjust, backlight and standard data bus lines. See internet for details. These are standard easy to use and implement displays–great for your next PIC project. Displays 24 characters of your text at a time on 2 lines (12 each line). Features 3 3/4" long ribbon cable with 16 position (2 rows of 8) female header for hookup. Brand new–see data on internet for details.
G13745 $7.95 ea.

Hewlett Packard BrightYellow Dual Display

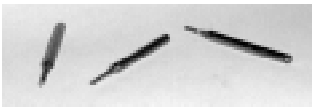
Type QDSP-K347 dual 7 segment display features 2 common anode 9/16" high segments with right hand decimals. These are brand new, optically and electrically prime, however the displays were removed from their protective shipping tubes and shipped to us in bulk so the pins on the displays may be bent and a few displays may have slight scratches on them from the way they were shipped to us. These very bright, high quality displays can be purchased from us at a fraction of what HP charged for them!
G4031 4/$1.00
G4031A 100/$22.00

Large Arrow Display

Bright yellow arrow display can be made to display right or left going arrows (or up or downward pointing). Type LTS1083G. Size about 1 5/16" x 7/8". Brand new!
G9848 $1.00 ea.

Router Bit Assortment

Handy assortment of three different router bits for PC boards. Used, but perfect condition. Great Deal!



G961 $2.00

Solid Tungsten Carbide PC Drill Bits

We just received a quantity of these re-sharpened solid tungten carbide drill bits that are designed for drilling thousands of holes in PC boards. Each has standard 1/8" shank and razor sharp points.

Stock #	Size	Decimal		Price
G1915	58	.042	*Small	$1.00
G1916	55	.053	Medium	$1.00
G1917	53	.059	Large	$1.00

*Common bits for 1/4 Watt resistor leads, etc.

Fans – 12VDC

NMB 12VDC Boxer® Fan 120mm Model 4710NL-04W-B30

Ball bearing brushless 12VDC fan quietly moves a good volume of air. Rated 80 CFM, 35dBA, this fan is very high quality. Size 120mm sq. (4.73") x 25mm (1") thick. Worth over $14 each. Brand new with full length 12" red & black leads. Operates from 12VDC @ .32Amps.

G14802 $4.99 ea.

Comair Rotron 90mm 12VDC Fan

Model FN12B3RDN fan by Comair Rotron features 7 blades and .31Amp current rating. Has 3rd lead for notification of operating status. Brand new – High output. Size 90mm square x 25.6mm thick.

G13727 $2.95 ea.

Sunon 92mm 12VDC Fan

Type KDE 1209PTB3-6 features operation from 12VDC, speed indication third lead, an rpm of 2300 with a CFM of 41 and a noise level of 30dBA. Rated 1.6W.

G13993 $3.75 ea.

Delta 60mm Size UltraThin 12VDC Fan

Type EFB0612HHA ball bearing fan by Delta features a 60mm sq. size x 10mm thickness. Operates on 12VDC@0.250 Amp and features a fan speed of 4800RPM with an air flow of 21.19 CFM. Noise is only 36.5dB-A and this fan includes the "blue" speed sensing lead. New!

G13945 $2.49 ea.

10/$18.00 • 100/$150.00

60MM 12VDC Fan

Made by Mechatronics, this fan requires 12VDC @ .15 amp and has a 20 CFM air output. Has color coded flexible leads. Size 60mm (2.35" square x 1" thick). Brand new. Mode A6025H12D.

G13229 $2.49 ea.

Maxair 60mm Brushless Fan Type MXF-D6012HB-A71GL

Nice Quality 60mm (2.36") x 25mm (1") Thick fan has 3 leads (2 for power and sensor lead if desired). Operates on 12VDC@0.23Amp and features standard 3 pin female header connector. Factory new!

G14540 $1.49 ea.

90mm 12VDC Elina Fan Model KDA120925H

Brushless fan by Elina is 90mm (3.6") sq. x 25mm (1") thick. Operates on 12VDC @ 220mA and produces a large amount of cooling. Reliable Elina quality. Has long red & black power leads. Model# KDA120925H

G14672 $1.49 ea.

12VDC Miniature Fan

Small fan to cool your hot microprocessor operates on 12VDC and is only 1 9/16"sq. x 3/4" thick. Provides efficient cooling (only requires 100ma). Can even be operated from a 9V transistor radio battery! Brand new prime. Delta Electronics model DBF0412H.

G1472 $1.99 ea.

Delta 50mm 12VDC Fan EFB0512HA

High speed 50mm (1.97") sq. x 10mm (0.41"). Fan features 7 blades and ball bearings for reliable performance. Speed is 5,500rpm and output is 11.40CFM. Noise is only 30.0dB-A and will operate from 7-13.8VDC at 0.15Amp. Brand new. Blowout price!

G14674 89¢ ea.

Super Efficient 12VDC Fan

Super efficient cooling fan made by Nidec Beta V model# TA300DC A33245-16. Features low current draw of only 120ma and great air flow. Size: 3 3/16" sq. x 3/4". Prime with flexible wire leads & connector.

G6766 $7.50 ea.

NMB 12VDC Boxer Fan®

Type 4710NL-04W-B50 by NMB features 12VDC .74amp operation. Ball bearing type brushless fan is 4 3/16"sq. x 1" thick. Has long color coded insulated wire leads. Brand new.

G4510 $4.95 ea.

Sunon 92mm 12VDC Fan

High output 92mm fan is rated 2700 rpm and 49 CFM with a noise rating of 34.5 dBA. Has two flexible color coded leads. Rated 2.8W. Type KDE1209PTB1-6

G13992 $3.49 ea.

Mini Fan Blowout

We just received a large quantity of these very efficient brushless mini fans for cooling all types of equipment. Brand new, Super efficient, quiet fans. This is the popular brand "IC Fan"® by Shicoh. High quality made in Japan.

Value	Size	Stock#	Price
12VDC @ .22AMP	3 1/8" Sq. x 3/4" Thick	G4088	$1.75

Papst RG90-18/12N/19 12VDC Biscuit Fan

Large high air flow volume biscuit type fan made by Pabst. These are about 5 5/16'' sq. x 1 1/2'' thick and feature heavy duty construction, flexible wire leads and an alarm lead for use to indicate fan malfunction. Biscuit type provides large volume of air flow! Brand new, heavy duty and highest quality. Operates on 10 to 15VDC. Rated 580ma at 12VDC.

G9817 $5.95 ea.

Fans – 24VDC

24VDC/0.07a Mini Fan

Brand new mini fan by VPPV model # AD0424HB-670. Operates on 24VDC at 0.07A. Has 4" long flexible wires with connector. Size 1 9/16" square x 3/8" thick.

G7559 $4.00 ea.

Alectron 24VDC 39CFM Fan

Brushless fan by Alectron features 39CFM output and size of 3 5/8" x 1". Brand new - Alectron part # 924-3924. Has color coded power leads.

G2287 $3.49 ea.

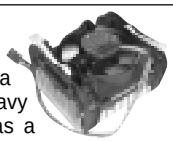
Fan / Heatsink Combos

12VDC CPU Cooler/Fan

Small 40mm(1.59") sq. x 10mm (0.43) Thick 12V fan is attached with four screws to a 40mm x 13mm black anodized heat sink. If you don't wish to cool a CPU with this just remove the four screws and you have a brand new miniature fan! Unbelievable price! In factory box with hardware. Prime- High quality at a blowout price!

G14671 99¢ ea.

Giant Intel Fan/Heatsink



Consists of a 12VDC .21Amp 95mm x 72mm fan assembly mounted to a 35mm (High) x 95mm x 72mm heavy brushed aluminum heat sink. Has a black thermal transfer square on the bottom which is 40mm square and has plastic clamps that were made to lock onto mother board. Made for Intel by Sanyo Denki. Has 3 lead cable with female connector (for 3 pin male header). In antistatic box.

G12937 $12.95 ea.

12VDC Fan/Heatsink

Large 5 1/2" x 2" black anodized aluminum heatsink with 12VDC fan attached for superior cooling of CPU and other electronic devices. Brand new in box. Has flexible wire leads with female connector attached. Operates on 12VDC.

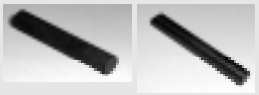
G13557 $3.95 ea.

Ferrite / Toroids

Ferrite Bars

We have 2 sizes of these prime ferrite bars.

Length	Stock	Price
9/16" x 1/8"	G8905	5/$1.00
1 13/32" x 3/16"	G8901	3/$1.00



Medium Ferrite Core (Toroid)

These are prime ferrite cores made by Nippon Ferrite LTD. Size is 1" outer diameter x 5/16" thick with an inside diameter of 1/2".
G6683 5/$1.00

Fiber Optic Items

Fiber Optic Photo Detector With Logic Output

Made for high speed digital data links, video links, LANS, automotive electronics, robotics, etc.This features fast response times and mates with 1000µm core, plastic fiber cable. Contains a built in micro lens for eficient coupling. Can drive up to 5TTL loads over supply voltages of 4.5V to 16V. Features 3 leads at bottom (ground, +V, output) and has screw on locking nut for optical fiber. Prime - made by Motorola.
G14272 $1.99 ea.

Fiber Optic Strands

Small diameter unjacketed fiber optic strands. Perfect for thousands of applications. Fun to use and experiment with. Length of each strand is 3ft.
G755 5/$1.00

Battery Powered Colorful Fiber Optic Wand

Small 5.7" long holder features a bundle of various length fiber optic strands, the longest being about 7". The holder accepts 2 AA batteries (not included). When the switch is turned on, the fibers produce a beautiful display of colors! Brand new in retail bag.
G14729 $1.49 ea.

Filters

Corcom 10EEA1 AC Input Module

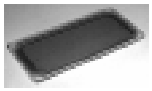
Features standard connector for business machine cords. Built in RFI/EMI filter rated 10Amp 120VAC 50-60Hz. With mounting ears for chassis mount. Brand new. Regular price over $6.00 each.
G14698 $3.49 ea.

Super AC Entry Module Assortment

Assortment contains 3 different power entry modules. You'll find only major brands such as Corcom, Delta, Schaffner, etc. All are brand new prime with full specs and part numbers printed on them. All feature on/off switch, a standard 3 prong connector for business machine cords. With this set you should have the correct replacement when needed.
G14227 $5.00

EMI Shielded Display Window

Very unique item from a government contract is a EMI shielded see through window. This was meant to allow a person to view displays without EMI energy effecting them. These are brand new made by Tecknit and come in a sealed mfg. bag. Size is slightly smaller than 1" x 2". Has see through metallic grid with silver plated frame around inside surface of glass to allow electrical connection to ground.
G8677 $2.00 ea.



Fuses, Fuseholders & Breakers

1/2 Amp Pico Fuse

Tiny axial lead fuse is the same size as a 1/4Watt resistor. Prime long lead fully marked units made by Pico Inc.
G12999 4/$1.00

Handy Push Re-Cirk-It Breaker

Handy circuit breaker by Eaton Heinemann products mounts in a .6" panel hole (comes with a press on panel mtg ring). Rated 12AMP at up to 250VAC or 10AMP at 50VDC. Brand new and of course its Eaton Heinemann quality!
G4035 $1.00 ea.

Buss MDV Slow Blow Fuse

Axial lead high quality fuse by Buss. Standard size glass and metal body with pigtail leads. Value rated at 2Amp @ 125V.
G14356 10/99¢

Tiny Picofuses

Small axial lead Picofuses by Littlefuse®. Each has full length leads as is marked with its value. We have the following values.

Value	Stock#	Price
1/2 Amp	G13627	4/$1.00
1 Amp	G13633	4/$1.00
2 Amp	G13635	4/$1.00
3 Amp	G13637	4/$1.00
5 Amp	G13639	4/$1.00

PC Board Mini Fuseholder

High quality fuseholder for miniature fuses holds up to a 7/8" long fuse. Made for PC board use and features standard solder tabs for PC board mtg.
G8558 5/$1.00
G8558A 100/$12.00

Pico Fuse Assortment

Great assortment of Pico fuses or equivalent brands of mini fuses. Each is marked with its value and has full length leads. These are the same size as a 1/4W resistor. Package of 5.
G15292 99¢

Greenplugs

Save Energy and Money with GreenPlug®

Save Energy Resources

UTILITY RATE W/ TAX	SAVINGS/YEAR
$0.08/KWH	$20
$0.10/KWH	$25
$0.12/KWH	$30
$0.14/KWH	$35

We have just received a large quantity of these energy saving devices known as GreenPlugs®. A GreenPlug® is an electronic device that reduces electricity usage and energy waste. The technology inside of a greenplug consists of a patented ideal Voltage Controller that senses and controls the voltage applied to a motor or appliance. Motors run cooler and quieter while using less electricity. GreenPlug® literature states that their unit will save you money on your electric bill, extend the life of your appliance and protect against voltage surges which also reduces the use of natural resources required to create electricity. According to the information we received with the GreenPlugs®, testing was performed in the US and Canada with results as follows for refrigerator savings. **Based on average savings of 28.5Whr/hr. Savings may vary with line voltage and appliance efficiency.** GreenPlug® supplies full line voltage when your refrigerator starts up, or turns on an internal fan. However, when your refrigerator doesn't require full voltage, which is most of the time, GreenPlug® doesn't allow excess electricity to come through to the motor. We were told that after 1992 many major appliance manufacturers incorporated this type of circuitry into their new designs which probably impacted the GreenPlug® company in a big way. If you do have a pre 1992 appliance you'll want to try one of these fascinating devices. The units we have are complete and new , however the smaller types were to be shipped in bulk to GreenPlug® distributors so they do not have a retail blister package or retail cardboard box. We are selling these at a fraction of their original price. Each is very simple to use; just plug the GreenPlug® into your outlet and then your appliance into the GreenPlug®. We have several different models available.

Please note: *The manufacturer has closed so the guarantees printed on the packaging are void and of course, since the Electronic Goldmine sells surplus we can not guarantee the efficiency of the GreenPlugs® or be responsible for any liability connected with their use.*

Type 1 Refrigerator or Freezer Greenplug®

This type is designed for 120VAC refrigerator or freezers up to 7Amps (840 Watts max) manufactured before 1992. Not for use on models with LED digital displays. New with instructions.
G9946 $3.98 ea.

Type 5 Heavy Duty GreenPlug®15 Pumps & Motors

This type of GreenPlug® works with makes and models of pool & spa pumps, sump pumps, well pumps, circulating water pumps and small motors. These large units are rated 120VAC at 15Amps continuous. This is slightly less power rating than the type 4 GreenPlug® below, however this unit plugs into any standard grounded outlet not the heavy duty 20Amp outlet that the type 4 requires. Features 2 built in female outlets to plug your pump or motor into. Has built in surge protection and circuit override. New in sealed manufacturer box with instructions.
G1103 $9.49 ea.

Type 6 Heavy Duty GreenPlug®15 for Soft Drink Machines & Commercial Refrigerators / Reach-in Coolers

This type of GreenPlug® works with all makes and models of soft drink machines, commercial refrigerators, reach in coolers, ice freezers & ice machines, water coolers & fountains. Made for 120VAC machines up to 15Amps. Features built in surge protection and circuit override. Plugs into any standard grounded outlet and has two built in standard grounded female outlets to plug your machines into. New in sealed manufacturer box with instructions.
G1104 $9.75 ea.

Hardware

Pot Hex Nuts

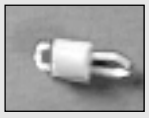
Standard hex nut for all 3/8" potentiometer bushings. High quality, chrome plated. Brand new.

G145	10/$1.00
G145A	50/$3.00

Gold Plated Terminal Rings

Great for making high quality audio connections, these gold plated insulated terminals can handle 10/12 gauge wires. "Wired installation accessories by Orion" Part # 0333-0233. This is a retail package of 4 red insulated terminals and 4 black insulated terminals (8 all together). Gold plated deluxe ring terminals.
G13122 $2.00

Loop Test Point Assortment



Handy test point terminal loops for PC board consist of a metal loop and an insultated base. Simply solder lead into PC board and you have a small "round loop" metal test point with an insulated base. Assortment contains several different colors of the insulated base.

G13798	20/$1.00
G13798A	100/$4.00

.75" Tall Aluminum Hex Standoff with 6-32 Stud

Solid aluminum standoff features a threaded 6-32 base and a .25" tall 6-32 stud on top.
G15255 4/$1.00

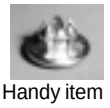
Super Standoff Assortment

Handy assortment of various size and types of metal and plastic standoffs. Tiny to large sizes. You get 30 pieces total.
G6567 $2.00

Heavy Duty Quick Connect Wire PC Board Terminal

Handy PC board terminal features a bottom pin that is soldered to the PC board. The top of the terminal features a top bar that is pushed down opening a slot in the terminal to insert on or more wires. When you remove the pressure from the top bar the terminal jaw grips the wire ends tightly causing them to make firm contact to the terminal and the pad on the PC board that you have soldered the terminal to.
G15265 $1.00 ea.

"Snap In" Chrome Hole Plug



Made to plug holes in metal chassis, this metal hole cover snaps into a .2" hole and stays flush unless you pry it off with a knife. Handy item to have in your parts cabinet.
G13319 20/$1.00

100 Agilent Pot Hex Nuts

Bag of highest quality hex nuts designed for mounting standard 3/8" bushing pots, switches, etc. (most common standard size). Full sealed factory bag of 100 nuts.
G14722 $4.99/Bag

Factory Bag of 100 Washers

Made to use with above nuts.
G14723 $1.99/Bag

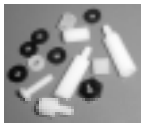
Tiny Nylon Standoff

Insulated standoff is .16"H x .13"Dia. It is white in color and has a small hole through the middle which is large enough to allow a 1/4W resistor lead, LED lead, T092 trasistor lead, small diode leads, etc., to pass through. Bag of 16 pieces
G15274 99¢

Chrome Plated 4-40 Stud Standoff (Pkg of 20)

Super nice quality standoff features .25" 4-40 long stud with .20" high hex standoff with 4-40 taps (so you can screw in a 4-40 screw). Great for mounting PC boards to robot chassis. Special Blowout Price! Package of 20.
G14946 $1.00 ea.

Nylon Hardware Bag



Small reclosable bag containing 50 pieces of nylon insulated type hardware. You'll find nuts, standoffs, screws, washers, etc. All prime.
G6129 $1.00

Large Solid Aluminum Hex Spacers

These hex spacers are .5"Tall x .5" hex. They have a .20" hole in the center. Very heavy duty spacers.
G15351 4/$1.00

Polymeric Coated Black Cloth Automotive Wire Harness Tape

This tape is similar to duct tape only its black in color. It is commonly used by automotive manufacturers for wiring harness use. It can withstand high temperature, is strong and its great for general purpose electrical/electronic use. The adhesive isn't the super sticky type (just like the adhesive on duct tape- this tape can be pulled off easily). These are full reels of Polyken® 268 tape.

1/2" Wide 100ft role	**G14925**	**99¢ ea.**
1" Wide 100ft role	**G14926**	**$1.49 ea.**

Heavy Duty Nylon Insulated PC Board Holder

This unique nylon standoff/PC board holder features a mounting hole base and a unique locking tip on top. To use simply mount the nylon standoff using a 6-32 screw. Now drill holes in your PC board and push the board on the standoff to lock it in. Standoff is .63"Tall (excluding locking tip). Brand new.
G15295 20/$1.00

Stud Type Hex Stand Off Assortment

Assortment of 20 various size stud type standoffs. Each standoff has a male stud on top and a female threaded base. 4-40 and 6-32 types included with several lengths.
G5300 $1.00

Round Metal Spacer Standoff Assortment

Assortment containing 25 spacers/standoffs. Each has in common that they are round. Some of them are threaded inside for a bolt and some are just hollow with no threads. Very handy. Sizes range from 3/16" to 1 1/2" long.
G7116 $2.00

Giant Standoffs 6" Metal Hex Type with 10-32 Stud

These are gold colored steel 6" long hex standoffs which have a threaded hole in the base for a 10-32 bolt. The top has a 10-32" threaded stud.
G15251 $1.00 ea.

6 Pin Snap Apart Male Header

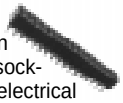
Consists of two rows of 3 pins. Can be cut apart in 2 pin increments to allow you to customize if desired. Standard 0.10" spacing.

G13279 10/$1.00
G13279A 1000/$80.00

3 Pin Header

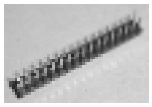
Standard 0.025" square header pins with 3 pin cut apart holder. Each pin is 0.5"L and is on 0.1" centers. Tin or solder plated.
G14767 20/$1.00

Samtec Tin Plated 34 Pin (Dual 17) Female Socket Connector



These mate with the G14284 shown above. Features 2 rows of 17 female sockets. These are designed to provide electrical interconnect and mechanical stacking of PC boards.
G14312 $1.00 ea.

34 Pin Male Header

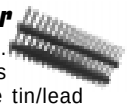


Standard 0.10" spacing male header consists of two rows of 17 pins each can be cut apart for different applications.
G1675 5/$1.00

Berg 5 Position Female Header Socket

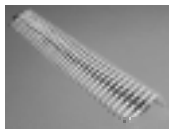
Board mount female header features 5 socket positions on .1" centers. This is a very well made socket and features 2 pins for PC board connection on each socket position (for strength). Blue case .5" L x .1" W.
G13129 5/$1.00

Samtec Gold Plated Dual 0.025" Header Centerline 0.100 Board Stacker



Features 17 pins x 2 (34 pins total). These are standard square 0.125 pins that are gold plated on top and are tin/lead plated on part that solders into PC board. These are used to provide electrical interconect and mechanical stacking of PC boards
G14284 $1.00 ea.

Right Angle Snap Apart Male Header



Right angled pins.10 pin male header. New
G7586 5/$1.00

2 Pin 0.100" Gold Plated Header

Single row 2 pin male header features gold on contact area and tin-lead on solder tails. Mating length approximately 0.235". Pins are standard 0.025" square.

G14279 10/$1.00

Female Shunt for Above

2 gold plated contacts.

G13194 10/$1.00

8 Pin Gold Plated Dip Component Header

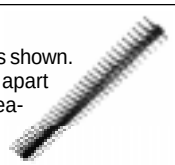
Great for making miniature custom circuits that plug into an 8 pin sip socket.
G13166 $1.00 ea.

Gold Plated Shorting Jumpers/w Handle

Small shorting jumpers for .100" space headers. Black color with open section to allow for testing. Brand new prime.

G13194 10/$1.00
G13194A Sealed Bag of 1000/$25.00

32 Pin Round Male Pin Snap Apart Header



Nice quality snap apart header features 32 round male pins as shown. Make any size you wish from 1 to 32 pins as these snap apart very precisely. Each pin is designed to solder inboard and features a 0.25" tall pin (above base which is 0.02" dia.) and is spaced 0.10" from the next pin.
G14627 99¢ ea.

Header Assortment

Assortment of various snap apart male headers, you'll find singles and duals in sizes from 2 pins up to 20 pins and larger. All have square .025" posts. Assortment contains 6 pieces.
G7345 $1.00

Gold Plated Double Row Male Header Assortment

Prime double row gold plated .025" square pin headers feature solder plated surfaces on the mounting pins. All are .20" wide and spacing between pins is standard .1". Each of these headers can be cut at "snap" points to make smaller size headers. Each header will have at least one pin or more missing (to serve as keying guide. Sizes from 6 pin to 32 pin. Package of 10 pieces.
G15305 $1.00

Headphones

ClearVoice™ Labtec Stereo Headphone with Boom Microphone

High quality Labtec LVA-8525 stereo headphone with noise cancelling mono boom microphone is designed for voice command, speech recognition, internet communications, etc. Lightweight quality headset features 32Ω impedance and frequency response of 20-20,000Hz. Microphone requires 1.5VDC power source and has a response of 100-16,000Hz with an impedance of 2000Ω. Has built in volume control and on/off switch for the microphone. With two 3.5mm lake stereo plugs for connection (one for headphone and one for microphone). Brand New.
G12771 $7.95 ea.

Labtec Curve™-465 Stereo Headphones

These latest technology over/around the ear headphones feature 32 ohm impedance, a 3 foot long cord with 3.5mm gold plated stereo plug, and brilliant blue color. Their 20-20kHz response with a 103dB/mw sensitivity insures that you'll love the sound without the the hassle of the headband. Check these out - you'll see them in use everywhere. Cutting -edge style for music in motion. Brand new in attractive sealed retail packaging. Made by Labtec. Model # Curve™- 465. Regular price $24.95. Check out our incredible sale price while supplies last!
G13762 $3.49 ea.

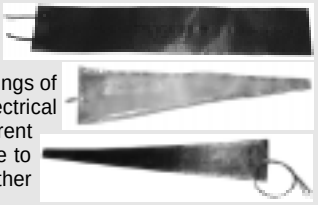
Stereo Headphone Ear Buds

Prime "Ear Buds" stereo headphones made by GE for use with just about any walkman or stereo portable radio. Great for replacement as these have the most commonly used stereo plug. Brand new in cellophane package.
G3375 $2.49 ea.

Labtec Icon-750 Special Edition Stereo Headphones and Free FM Radio

These are one of the nicest high quality stereo headsets available. They are current product advertised on the WEB at up to $25 and more for the headphones alone. They feature digital design-ideal for MP3, DVD and MD. Headphones are light weight, with comfortable ear cushions, have and acoustic air vent for enhanced bass, and have a self-adjusting headband for superb comfort. Complete specs are as follows: Driver 40mm, Impedance 32Ω, sensitivity 102 dB/mW, magnet neodymium, cord length 4 ft., plugs-gold plated stereo 3.5mm and gold plated 1/4" stereo adapter plug. Packed inside the blister package with these headphones as a free bonus is a small lightweight, attractive 3 1/8" x 1 5/8" x 9/16" thin FM auto Scan Radio by Labtec. It features a Led power indicator, excellent sensitivity, tremendous sound and a handy clip for attaching it to your clothing when you jog or go to the gym, etc. Requires 2 "AAA" batteries (not included). The stereo headphones and the radio are brand new and in a factory sealed heavy duty attractive retail blister package. The headphones come with a full 1 year warranty from Labtec. Hurry as this is one of our best offers ever. Remember you are getting the high quality Labtec Icon-750 stereo headphones and a free FM radio. Buy several for gifts at this blowout price!
G13112 $12.95 ea. • 2/$25.00 • 5/$60.00

NASA Space Exploration Wafer Thin Heating Elements



These were made for various NASA "Space Programs" including Landsat, Telestar, and Mars Observer. They are new and prime and were excess after the project was completed. They are used to keep batteries and electronics functioning when the space vehicles are exposed to temperatures such as 130°K (-226°F) on Mars. A large variety of shapes, sizes and wattage ratings of these 0.01" thin heaters were to be used. Each has a sealed grid heating element and each starts producing heat as soon as electrical power is connected. We connected 12V to one and after several seconds if felt warm, however different types produce different amounts of heat from different voltages. All are brand new with long insulated leads. Some come with peel and stick surface to make it easy to attach to a chassis or battery, etc. Hurry, the last time that we had these they sold out fast. Made by Minco, and other top names. We are selling these at a small fraction of the original cost.

	Dimensions	Model#	Power Output	Stock#	Price
Type 1	Rectangular: 9 1/2" x 1 11/16"	Minco HK15771	60.6Ω • 29.0watts	**G4552**	**$8.49**
Type 2	3" x 11"	Triangle Minco HK14967	92Ω • 89.6watts	**G4554**	**$9.50**
Type 3	3" x 20"	Triangle Minco HK13383	15.6Ω • 57.8watts	**G4555**	**$10.00**

Miniature Heater

This is from a NASA Space Exploration program and is only .01" thin. Heater is a high quality unit with flexible hookup leads. This is a smaller size unit. This is brand new and ready to use. Made by Minco. Rating 18.4watt 780Ω. Size 0.75" x 3.5". Minco# HK15951.
G5076 $4.00 ea.

Heat Shrink

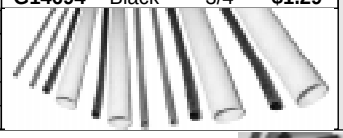
Heat Shrink Tubing

Highest quality heat shrink tubing by Alpha, 3M, Raytech and other quality manufacturers. This is fresh prime heat shrink for almost every application you can think of. Each of these "shrink" when heat is applied. Each piece is 4ft long.

Stock#	Color	Dia.	Price
G1223	White	3/64"	**$1.00**
G1229	Orange	3/32"	**$1.00**
G1232	Black	3/32"	**$1.00**
G3946	Brown	3/32"	**$1.00**
G1248	White	1/4"	**$1.40**
G1249	Clear	1/4"	**$1.40**
G1250	Black	1/4"	**$1.40**
G1254	White	3/8"	**$1.50**
G1256	Clear	3/8"	**$1.50**
G1257	Black	3/8"	**$1.50**
G1261	Black	1/2"	**$1.70**
G1262	Yellow	3/4"	**$2.00**

Stock#	Color	Dia.	Price
G1263	White	3/4"	**$2.00**
G1265	Black	3/4"	**$2.00**
G1267	White	1"	**$2.50**
G14675	Black	1/16"	**$0.69**
G14676	Clear	1/16"	**$0.69**
G14677	Black	3/32"	**$0.79**
G14678	Clear	3/32"	**$0.79**
G14679	Black	1/8"	**$0.89**
G14680	Clear	1/8"	**$0.89**
G14681	Black	3/16"	**$0.89**
G14682	White	3/16"	**$0.89**
G14683	Black	1/4"	**$0.99**
G14684	Clear	1/4"	**$0.99**

Stock#	Color	Dia.	Price
G14685	White	1/4"	**$0.99**
G14687	Black	3/8"	**$0.99**
G14688	White	3/8"	**$0.99**
G14689	Black	1/2"	**$1.19**
G14690	Green	1/2"	**$1.19**
G14692	White	1/2"	**$1.19**
G14693	Blue	1/2"	**$1.19**
G14694	Black	3/4"	**$1.29**



Super Heat Shrink Tubing

Prime opaque color, high quality super shri 1/2"Dia. in 1ft. sections. Black in color.
G14294 $1.00

Bag of Heat Shrink

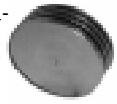
Handy assortment of 25 pieces of various color, diameter and length heat shrink tubing. Length ranges from about 1" to 3", and diameter ranges from 3/32" to 3/4". Very useful.
G179 $1.00

Heat Sinks

T03 Metal Insulator

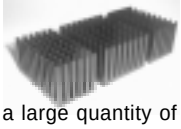
Special T03 metal insulator conducts heat like mica but is much sturdier. Coated with a special scratch resistance thermal conductive but electrically insulated coating.
G15314 $1.00 ea.

Stacked Aluminum Fin Round Heat Sink



Natural color aluminum heat sink features four 1.25"Dia. fins. Total height is .40". These must be glued to your semiconductor device.
G15275 99¢ ea.

Super Large Heat Sink



Black anodized aluminum heat sink type HS10198 measures 4 7/8"L x 2 3/16"W x 1 1/4"Tall. Features 4 mounting holes and a large quantity of fins for efficient cooling.
G2209 $2.98 ea.

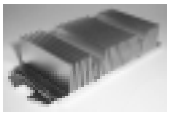
Black Anodized Aluminum Heat Sink

Very efficient quality. Size 1 7/8" x 1 7/8" Device T03.
G2017 $1.00 ea.

Black Anodized Aluminum T03 Heat Sink

Nice quality simple design heat sink for metal TO3 case transistors. Size is 1.65"L x 1" wide x 1" high.
G14355 3/99¢

Large Aluminum Heat Sink

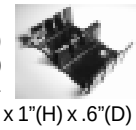


Large 5 3/8"L x 2 1/16"W x 1"H heat sink has 4 holes for mounting a fan (not included). Made by Foxconn (part # 00N7285). Natural anodized aluminum with efficient cooling fins.
G2207 $2.98 ea.

Black Aluminum Heat Sink

Made for CPU use, but will cool peltier, ICs, transistors etc. Very efficient with hundreds of rod-like fins. 60mm Square x 14mm.
G13955 99¢ ea.

Dual Heat Sink for TO220



Heat Sink for holding 2 plastic T0220 semiconductors. Features two 440 taped mounting holes and black anodized aluminum. Size about 1.5"(W) x 1"(H) x .6"(D)
G2109 $1.00 ea.

Giant Heat Sink

Type HS10199 by Wakefield is 3" x 3 1/8" x 1 5/16"H. Features massive quantity of cooling fins. Black anodized aluminum. Great for high power audio, computer or power supply applications.
G2208 $2.98 ea.

High Tech Items

MEMS Assembly

MEMS(Micro Electro Mechanical Systems) assembly made for blinding output video projection unit. Consists of a 1"L x 0.78"W reflective mirror assembly which contains over a million micro mirrors. Each mirror represents one pixel. When a mirror receives a signal it moves slightly, directing the light striking it to hit a lens. A typical projector uses 3 of theses units (RGB). The mirror assembly is mounted on a 5"L flat flex cable which terminates in a 100 pin female connector mounted on top of a flex cable. These assemblies may have slight scratches and/or slight problems as listed on some of them by the QC dept. We have no info on these and no way of testing them so we are selling them "AS IS", no returns. The original cost was hundreds of dollars each.
G13751 $5.00 ea.

120VAC Negative Ion Generator

Compact negative Ion Generator cleans air impurities and provides a fountain of fresh air. These negative ions are the same type that are produced in a thunderstorm. This unit is similar in size and operation to our 12VDC negative ion generator that we sell except that these are set to 7.5kv and can operate directly from standard 120VAC. Very simple to use simply-just connect any AC line cord to the black and white power leads and a tremendous quantity of negative ion will be emitted by the 4 needle emitter assembly shown. Fully encapsulated module is about 2" x 1 5/8" x 7/8". Brand new!

G1783 $10.95 ea. • 10/$99.00

5ft. Black Line Cord

G15685 $1.00 ea.

12VDC Operated 15KV Negative Ion Generator

Compact negative Ion generator cleans air of impurities and provides a fountain of fresh air. Negative ions are produced during a thunderstorm and these are the same type that this 2 1/4" x 1 5/8" x 7/8" module produces. Operates from 12VDC (can even operate from a 9V battery at slightly reduced output). Simple to use, just connect 12VDC to the red and black power input leads and a tremendous quantity of negative ions will be emitted by the needle assembly shown.These are brand new factory fresh prime units perfect for homes, cars, offices, etc.

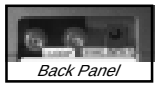
G9695 $12.95 ea. • 2/$25.00

Peltier CPU Cooling Module

High quality Peltier cooling module made by Melcor Corporation. It features a 1 3/16" sq. peltier module mounted to a 2 1/4" sq. black anodized heat sink. It has four metal clamps that would allow it to be mounted to a circuit board and pressed to the module against the CPU. Can operate from 6VDC @ 1.5 amps to provide a nice cold surface. Cold surface has copper metal surface. Module has color coded leads and connector for power hookup. New!

G2201 ~~$11.95~~ SALE! $9.95 ea.

Border Patrol Closed Loop Transmitter



Back Panel

Closed loop transmitter unit for an electronic dog fence system. This was designed to produce low frequency waves wherever you buried your "wire" perimeter. When your dog approached your invisible fence a special receiver collar (not available from us) would give the dog a mild shock. We have the complete transmitter unit only which would probably make the basis for a fascinating wire guided robot. Sorry, no specs or other info except that the case is 6" x 4" x 1 1/2", it has two binding posts on back of unit to connect almost any length of wire you wish to use, a 5.5mm power jack for 9VAC input (no adapter is included-We tried it with a 9VDC center+ adapter and it worked), a range selector switch and LEDs to indicate power and a "closed" loop. These appear to be new, however we have no other info on them.

G14489 $6.95 ea.

Key/Remote/PDA Finder

This handy item allows you to find your misplaced keys, TV remote, PDAs, cell phone, etc. Simply attach the small 2" x 1.16" x 0.44" receiver to any item (comes with key ring and a piece of hook & loop peel & stick). Now if you can't remember where you left your item, press the multifinder transmitter button and the receiver attached to the item will beep 12 times. Works up to 50 ft. away. These are brand new and similar items sell in high tech catalogs for up to $49.95. You get one 8 button transmitter and one receiver (both with batteries included) in a retail package.

G13924 $9.95 set

Additional Receiver

Additional receiver for above transmitor.

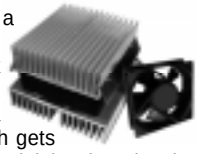
G15217 $5.95 ea.

Brand New Sophisticated Flex Format Uniden Pager with 7 Alerts and Vibrate Function

Small 20 message memory and 1,700 character capacity pager type ALP9080 by Uniden operates on 1 "AAA" battery (not included) and features backlight, 7 alerts plus vibrate and sound. These alpha numeric pagers were for the Spanish market so the menus and words are in Spanish. The built in clock and alarm digits are of course readable and usable as this is the same in English and Spanish. You can set the time and set alarms to go off. We are blowing these out mainly for experimenting and as a source of a high quality miniature pager motor, speaker, LCD backlighted display, crystals, coils etc., however it is brand new complete with belt holster. Size about 3" x 1 7/8" x .78". Color flat black. This is an attractive and new pager, however it probably can't be activated for use in the U.S. pager networks (we don't know but that is why we are blowing these out as the cost on these was probably over $100 each). The frequency is in the 900MHZ Band.

G13700 $1.99 ea.

Super Cooler Peltier Fan/Heatsink



Giant assembly consists of a Peltier effect cooling module mounted inside a giant heat sink assembly. It was made for a recreational cooler and features a large aluminum heat sink which gets very cold. Next to the large heat sink is a heat insulator which is attached to the smaller heat sink which releases the heat as the large heat sink cools. We include a 12VDC fan which you place near the "hot" side to increase the cooling from the large heat sink. Overall approximate size about 5"L x 5"W x 3.9" Thick. Has red & black flexible leads for power. Operates on 12V to 13.8VDC@6Amps. This is the most powerful cooling module we have ever offered!

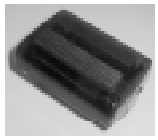
G14582 $32.95/Set

Brilliant 4 White LED Cluster

Originally designed for a white LED flashlight, this 0.72" diameter round circuit board features four 5mm (T1 3/4) brilliant white LEDs connected in parallel. Simply connect 3.0VDC up to 3.8VDC (+ on center) to it and you'll see a bright white light.

G14877 $1.99 ea.

"Clip On" Safety Flasher



Super bright flasher designed for joggers walkers, dogs etc. Clips onto belts, pants, back packs etc. Features 3 brilliant red leds which flash or can be made to "stay on continuously". Has red plastic lens and operates on 2 "AA" batteries (not included). Size about 1.9" x 2.7" x 1". Brand new in retail package.

G12938 $2.49 ea.

Home Items

Super Home Products Surprise Box

Large 12" x 6" x 6" box crammed full of various new electrical electronic items. Each will vary somewhat from the picture but the first one we opened contained mostly retail blister carded items, timer with clock, non contact voltage detector probe, various wall outlets, plugs, night lights, lighting controls, home automation items, etc. Each box will differ and will contain these or other valuable electrical, electronic home items. All items are new.

G13686 $24.95

Four Level Fan Speed Control with Dimmer

Decora Quiet Fan Speed Control features reduced hum at low speeds, positive on/of switching and allows for full range of speed control for fan. In addition, it features a full range incandescent light dimmer. Fan control is rated 1.5Amps, 120VAC. Dimmer is rated 300Watts. Attractive and functional control for your home. Leviton part # 6620 available in white.

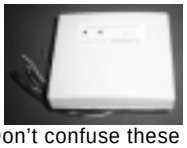
G5009 $8.95 ea.

Decora Rotary Quiet Fan Speed Control & Lamp Dimmer

High quality stylish lamp dimmer and fan speed control offers convenient control of ceiling fans and their incandescant light fixtures for maximum comfort and efficiency. This model 6617-WSP by Leviton features two control knobs. The upper control knob turns the fan motor on (at high speed) and adjusts its speed. The lower knob turns the light on and allows for dimming and brightening. Rated 2.5Amps, 120VAC/60HZ - fan, 300W 120VAC/60HZ - incandescant light. For use with split capacitor or shaded pole fan motors only. Mounts in standard wall switch box - has 3 wires (common, motor and light). White in color.

G5010 $8.95 ea.

Macurco Inc. GD-2A Combustible Gas Detector



Detects heating gases: Propane (LP), and natural (methane). Features SPDT alarm and N.C. trouble relays. Does not require maintenance or recalibration. The GD-2A is designed for use alone or for connection to alarm control panels. It can operate on 12 to 24volts. Consists of an attractive 2 part plastic case which allows the GD-2A to be installed over a four inch square or double gang electrical box, providing a near flush mount. Operates on 12 to 24V AC or DC @ approx. 83mA. Color white. Relay contact rating .25Amps 100V. Operating temp range 32˚ to 120˚F. These are brand new in original factory box with instruction sheet. UL listed. Don't confuse these with inexpensive marginal units - these are worth over $80 each and are one of the best units made!

G13287 $39.95 ea.

Quartz Alarm Clock

See thru plastic case alarm clock is about 3" in size. Features analog hour, minute and second hands, plus a yellow pointer that you set to the desired alarm time. Alarm is a clear electronic tone. Operates from one AA battery (not included). The gears and motor assembly on these can be used to make robots (you can search this info on the internet). Brand new in retail package. Styles and case colors vary - Sorry, no choice.

G14709 $1.99 ea.

Telescoping Single "TV" Antenna

Made as a replacement for TV sets, this antenna is 6 1/2"long in the collapsed state and extends to about 38". High quality chrome plated antenna has swivel mount and plastic "snap in" base piece (fits many small TVs). Antenna has 11" flexible wire with F connector to plug into TV antenna jack. Brand new - can also make a nice presentation pointer for teachers!

G14088 99¢ ea.

Lamp 3 Level Touch Control Kit

These handy kits were made by Leviton to turn any lamp into a touch control lamp that has 3 level dimming. Controls up to 300 watt, 120vac lamps. Small size: 1 3/4" x 1 1/2" x 3/4" control unit is meant to be hidden in the base of the lamp. After installation, simply touch any metal part of lamp or shade, and lamp will turn on at 30%, touch again for 70%, touch again for 100%. A 4th touch turns it off.

G8325 $4.95 ea.

Dual Rabbit Ear Antenna For Older TVs

Standard style adjustable telescoping antenna for older (non cable) TV sets. Has flat twin lead cable with terminals and plastic mounting stud. New.

G14486 $1.99 ea

Inductors

Audio Power Inductors for Crossovers

These were precision made for a/d/s/ car audio speaker system crossovers. Each of these inductors can handle the current shown. Build your own powerful custom crossovers using these inductors and our special metalized film polyester/polypropylene audio capacitors. All ratings are shown in millihenries. Cores are (O) open, (I) Iron Laminations.

Fig.	Inductance	Current	Size	Stock#	Price
A	0.12MH	1.2Amp	1 1/4" x 15/16" Tall (O)	G13175	$1.00
B	0.24MH	1.2Amp	1" Dia. x 9/16" Tall (O)	G13178	$1.00
C	0.26MH	0.9Amp	7/8" Dia. x 15/16" Tall (O)	G13180	$1.00
D	0.50MH	0.6Amp	1 1/16" Dia. x 1" Tall (O)	G13191	$1.50
E	0.50MH	1.2Amp	1 1/4" Dia. x 1" Tall (O)	G13193	$1.75
F	0.70MH	0.9Amp	1" Dia. x 1 1/8" Tall (O)	G13197	$2.00
G	2.0MH	3.7Amp	3 1/8" L x 1 3/16" sq. (I)	G13203	$4.00
H	3.93MH	3.7Amp	3 1/8" L x 1 3/8" Dia. (I)	G13205	$5.00

Infrared Items

Tiny SMD IR Optical Transmitter/Sensor

Consists of a small IR LED and small IR sensor with specs matched to each other. Each device faces outwards. The 4 lead device is simple to use. Power the IR LED with a pulsing circuitry and as an object comes within the range of the IR sensor, the pulsing IR signal will be reflected back into the IR sensor (so you can detect the object). Sorry no info available. Brand new prime-size .158"L x .12"W x .067"Thick.

G13145 $1.00 ea. • 10/$8.00 • 100/$65.00

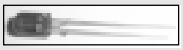
Precision Swiss Made IR Object/People Detector

These are small precision made devices that are designed to detect objects on a conveyor belt, people, etc. They are extensively used in factory automation and consist of a sealed IR emitter and detector circuit all inside a compact 63mm(L) x 17mm(dia) encased sensor assembly head. The device has a flexible cable and is very simple to use. Simply mount the unit in the area where you wish to detect objects or people (such as a doorway). A reflector is mounted (not included but we tried a 2" x 4" auto reflector we purchased at a local discount store and it worked fine) up to 3 meters away. Connect any source of DC from 10V up to 30V to 2 of the leads and a load such as a chime, buzzer, relay, LED, etc. to the output leads now each time the invisible beam is interrupted, the load will activate or deactivate (your choice) then immediately reset when the beam is not blocked. These were made for continuous reliable industrial applications and as such were very expensive. They are new in their factory boxes with simple to use instructions. Made by Scientific Technologies Inc. and the original price of these were a fortune! Hurry as we have only a limited quantity. Note: If your factory uses other STI factory automation devices contact us for other items as we have several hundred different devices in stock on a very limited quantity basis at a fraction of their original prices.

Model # STI/ELESTA OLS372A320

G1979 $29.95 ea.

Super Infrared LED



Super output jumbo size infrared LED made for use in Zenith remote controls. Diffused grayish blue lens. High output unit actually produces 2 spots of infrared energy. Great for hundreds of infrared applications. Prime and unusual type LED.

G2318 3/$1.00

G2318A 100/$25.00

G2318B 1,000/$220.00

IR Photodiode

Black case photodiode is about .28" x .3" x .12". Features radial leads and special black case which allows predominately IR energy to strike the photodiode. NEC PH302.

G14816 3/99¢

Everlight PT91-21C 1.9mm Subminiature Axial SMD Phototransistor

Perfect for the "eyes" in miniature robots, these tiny SMD clear lens phototransistors feature a Vceo=30V, Ic=20mA, 75mW power rating and a peak sensitvity at 860nm wavelength. Overall spectral response is 400-1200mm. On tape & reel.

G13767	5/$1.00
G13767A	1,000/$140.00

Precision IR Diffuse-Reflective Sensor

This is another precision Swiss made factory automation detector unit. This unit does not require a reflector to detect any object in front of its end window. It can detect objects, people, etc. up to about 8" away. Output can be connected to a relay, LED, chime, etc. Precision circuit is contained in a 63mm(L) x 17m(dia) encased sensor head. The device has a flexible cable and is simple to use-just hook power to 2 of the leads and a load circuit to the other 2. Included directions are very simple. These are industrial reliable devices designed for trouble free performance. New-made by STI/ELESTA model# OLS472A340. These are worth a fortune!

Range detects up to 8"	Same as left except long range (will detect up to 18" away)
STI/ELESTA OLS472A340	STI/ELESTA OLS472A350
G1982A $24.95 ea.	G1981 $27.95 ea.

Premium Infrared LEDs

Prime IR LEDs for all types of IR remote controls, robotics, IR audio, etc. applications. These are brand new with full length leads. All have clear lens. Max V_f: 1.6-2V.

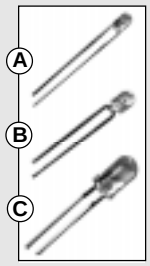
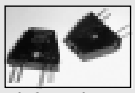


Fig.	Lens Size	Peak Wavelength (nm)	PO(mw)/If (ma)	Angle	Stock	Price
A	3mm	940	2.00/20	±20°	G14583	3/$1.00
A	3mm	940	2.00/20	±30°	G14584	3/$1.00
B	3mm	940	0.5/20	±35°	G14585	4/$1.00
C	5mm	880	5.00/50	±50°	G14586	3/$1.00
C	5mm	880	8.00/50	±40°	G14587	2/$1.00
C	5mm	940	2.62/20	±20°	G14588	3/$1.00

Reflective Sensor/Emitter



Handy item for making object counters, object avoiding robots, object sensors, etc. Consists of a infrared LED and an NPN phototransistor all mounted in an opaque black plastic case with 2 tiny holes in the front end. The IR LED emits IR energy which will reflect back to the phototransistor when an object is near. Type HOA708-1. Prime marked units. Sorry no data sheet available.

STOCK# G8669			
1-24	25-49	50-99	100 UP
$1.25	**$1.13**	**$1.00**	**88¢**

Vishay Miniature IR Module Type TSOP2233

Miniature 3 lead IR receiver module is great for use in robotics. Super sensitive to 33KHz pulses. Use with standard VCR/TV remote controls for a long range IR remote control setup. These are brand new and operate from 5VDC. Simple to hookup, in fact, we supply an info sheet on it. Brand new with leads as shown.

G14017 2/$1.00

TSOP 1140 IR Reciever Module

High sensitivity IR reciever alllows you to make thousands of IR remote control devices. These contain the detector amplifier and filter in one package. Simply add 1 transistor, a relay, a capacitor and a couple of resistors to make a 56KHZ wireless IR reciever capable of closing a relay contact when a 56KHZ IR signal is recieved. Made for use in VCRs, TVs etc. New with simple reciever schematic. Size 10mm(W) x 12mm(H) x 6mm(thick). Operates on 5VDC.

G4354 $1.29 ea.

OSRAM SFH 5110-40 IR Receiver

Great for IR remote control or robotic applications. High sensitivity IR receiver for 940mm IR energy. This miniature 3 leg receiver is easy to use and has a built-in preamp. Carrier frequency is 40kHz. Operates on 5VDC. See complete specs on Web. Brand new with full length leads.

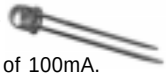
G14560 99¢ ea.

NEC SE303A Infrared LED

This T1 3/4 (5mm) IR LED is used in many TV/VCR remote controls. Perfect for replacement or new construction of IR transmitters, remote controls, etc. Crystal clear lens with full length leads. Blowout price on these factory prime IR LEDs.

G14754 5/$1.00

OP298C GaALAs Plastic Infared LED



Made by TRW/Optek this LED has a narrow irradiance pattern of 25˚ and a continuous forward current of 100mA. Features a see thru turqoise blue 4.5mm lens. Output wavelength about 880nm.

G15256 5/$1.00

Dark Grey IR LED

Long lead infared LED features a dark grey see-thru 5mm lens. Produces a good amount of IR energy when connected to 2.8VDC. Brand new- Prime.

G15271 5/$1.00

Micro Size Opto Slot Interrupter

These are the smallest slot interrupters we have ever seen . They consist of an infrared LED on one side and a phototransistor on the other. Size of body 3/16" square x 1/8" high.

G8751	2/$1.00
G8751A	100/$45.00

TSOP1156KSI IR Receiver Module for IR Remote Control

Three lead small IR module features internal photo detector and preamplifier in one package. This module has a built-in internal filter for PCM frequency and is TTL and CMOS compatible. Operates on 3-6VDC and is designed for 56kHz carrier frequency. These are used in many VCR, TV and robotic applications. See complete specs on Vishay website. Prime-blowout price!

G14617 3/99¢

Infrared Emitter

Small gold plated T108 infrared emitter outputs up to 3 milliwatts of infrared energy.

G2817 $1.00 ea.

High Output IR LED

See thru blue 5mm lens IR LED with 0.36" long leads.

G14670 3/99¢

High Output T1 3/4 Infrared LED

Prime high output T1 3/4 (5mm) infrared LED features a water clear lens and long leads. Perfect for hundreds of IR transmitter projectcts or IR remote control use.

G2158 4/$1.00

8MM Super Power U.V. LED

Clear lens UV LED 8mm is our largest most powerful ultraviolet LED. These are brand new made by Handy` Get part# 8N3CUV. These are great for lighting up invisible UV inks, blacklight posters, scorpians, some minerals, checking for counterfeit currency, etc.

NOTE: *As with all UV LEDs do not look directly into the device during operation. Exposure to UV radiation can be harmful to your health even for a brief period. Do no permit children or untrained personnel to operate the device.* Brand new- Full length leads.

G15221 $1.99 ea.

T1 High Output Infrared LED

Small high power infrared LED in T1 clear case.Perfect for all types of infrared applications. Made by Kodenshi.Type # EL-7L.

G5704 3/$1.00

Miniature IR Receivers For R/C Uses

Complete IR receiver type TSOP2836 by Vishay can be used in thousands of remote control projects. Can be used to operate a relay from up to 20' away with a TV remote control. These 3 pin devices are only 7mm x 6mm x 5.6mm and operate from any 36KHZ IR signal remote transmitter (TV remote). New with spec sheet.

G6042 $1.49 ea.

Temic TFM 5360 Miniature IR Photo Module for PCM Remote Comtrol Systems (36KHz Carrier Frequency)

Brand new miniaturized receiver for infrared remote control systems. Feature a PIN diode and preamplifier assembled on a lead frame with a black epoxy IR filter case. Size is only 0.48" tall x 0.40"W x 0.23" thick. These are used as the detector in MP3 players, VCRs, TVs, cable boxes, etc. Special blowout price!

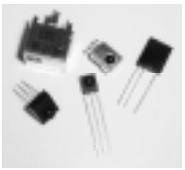
G14384 5/99¢

TIL 31B IR Emitter

Prime IR emitter features built in magnifying lens, 9 1/2" long flexible color coded leads and removable holder. These are in a gold plated TO18 case mounted in a "push on" holder (removable). Brand new - Special Price!

G14318 10/$1.00

IR Receiver Module Assortment



Consists of 5 different factory new IR modules. Each is very sensitive to IR signals from remote controls. Great for experimentation, remote control, robots etc. We have no specs or data for these but we will include one representative schematic for driving a relay with one of the modules (using this you should be able to figure out the rest of them as each has only 3 leads). Brand new - Prime.

G12958 $5.00

Laser Heads

Complete IR laser heads from optical CD drives. These look complete and appear in good condition, however since we do not have any info, data or hookup info we can't test them and must sell them "AS IS". May vary slightly from picture.

G9361 $1.00 ea. • 10/$9.00 • 100/$65.00

Brand New CD Rom Drive Assembly

This is the main drive mechanism made for a CD rom drive. It features 2 quiet but powerful, efficient DC motors which operate from about 5VDC, various gears mechanical parts and an infrared "Laser Diode". The motors in these are perfect for use in Robots! Overall size about 3 3/4" x 3 3/8". New but no information available.

G4119 $3.49 ea.

Miniature Precision Optics/Laser

These are the latest type of head assemblies from CD drives. They contain 2 miniature prisms glued together to form a cube, a miniature magnifying lens in holder, several miniature strong magnets, an IR laser diode, moving coils, and various other parts. The assemblies they came from were new, but we are selling these "AS IS". We have no specs or data, but we do know that the optical pieces were glued in and can be pryed off with a small screwdriver once the covering has been removed by taking the screws out. Approximate size is 2.5" x 1.1" x .75" (excluding cable). Sold as is only–no returns.

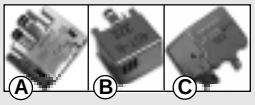
G12812 $2.49 ea.

Laptop Computer Infrared Port

Small assembly is a complete infrared PORT module for a Laptop computer. The part # is G8UAP made by NEC. It consists of a 2 bubble opto device (one bubble is an IR LED the other is the IR sensor) and all associated circuitry, all on a 1 1/8" x 1/2" circuit board. These are brand new prime modules with all components and a flexible input cable. There are only 4 active leads: +, -, output, IR LED. We show you a diagram where these leads are, however we do not have the data sheet or any other info on how to use these. Looks like it would make a great "eye" for a Robot or make custom accessories for your IR compliant palmtop or laptop computer. Brand new - Prime!

G9229 $2.00 ea. • 10/$18.00 100/$175.00 • 1000/$1500.00

Infrared Modules



We have just purchased a good quantity of prime infrared modules. There has been many articles written about using these as the "heart" of various IR remote controls (TVs, VCRs, etc) and each has only 3 hookup pins. Each module operates on 5 to 9VDC and each can light a LED or close a 5V relay from up to 20ft. away using almost any TV/VCR remote control. Module and hookup diagram only-You provide LED or relay. Prime-Latest type modules. Compare our price to others!

Fig.	Stock#	Type	Price
A	G8155	Sony SBX 1531	$1.79 ea.
B	G8156	Sony 407-b322	$1.79 ea.
C	G8157	Sharp GPIU581Y	$1.79 ea.

100 of any 1 type - $150.00
1,000 of any 1 type - $1,200.00

Laser Optic IR Lens

We were told that these were made for an IR laser system rangefinder for the military. We don't have any data or info except that we see a small glass lens on one end of a metal 0.32"Dia. holder with a 1/2"Dia. flange. At the other end is a 0.15" opening and what looks like an opaque glass lens inside. (We were able to pass IR energy through it.) Overall length of optic piece is 0.59". Metal body is black in color.

G14847 $1.99 ea.

Jacks & Plugs

Fused Cigarette Plug Assemebly

This assembly is ready for you to add your wire leads. It is brand new and screws apart to allow you to make youir own custom power cord. Fuse is 3Amp. Black plastic body with strain relief.

G15375 99¢ ea.

Compact Red & Black Binding Posts

Compact binding post set consists of one red and one black panel mount binding post. These are 2 way types and will accept a banana plug on the end or you can connect a wire under the twist terminal. Complete with nuts and solder terminal lug.

G15368 99¢/Set

1/4" Audio Plug

Standard 1/4" mono plug (commonly used with electric guitars). These have three removable screws on case to allow access to solder your cable in.

G14643 3/99¢

Audio Jack Stereo Coupler

Handy item connects inline a 1/4" male Stereo jack to a 1/4" male stereo jack. Make long cables without soldering. High quality made by Electricord.

G14704 99¢ ea.

Replacement Power Jack

These accept male mono plugs such as on small headphones and certain adapters. With hardware.

G5518 4/$1.00

PC Board Mount 5.5mm Male Jack

Standard 5.5mm PC mount power jack has built in N.C. switch that opens when you insert a 5.5mm female barrel plug into the jack. The center pin on this is made for 2.5mm center- 5.5mm barrel plugs.

G15209 4/$1.00

Black 3 Way Grounding Banana Jack

Very high quality panel mounting grounding banana jack allows you to plug a banana plug into the end of the jack, plug it into the side or twist the black hold down onto a bare wire. Very precision made.With panel mounting nut and solder lug.

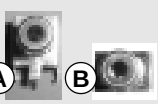
G15193 2/$1.00

3.5mm PCB Stereo Mount Jack

Small 3.5mm stereo jack for 3.5mm plugs (such as commonly found on stereo headphones). Low profile type with 3 pins for PCB mounting.

G15218 5/1.00

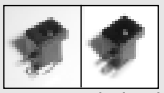
Gold Plated Audio Quality RCA Jacks



Gold plated RCA type female jacks for quality connections.Prime-perfect. Blowout price. All are PC board mounting.

	Type	Stock#	Price
Fig. A	Right Angle	G13165	10/$1.00
Fig. B	Upright	G13173	8/$1.00

5.5mm DC Power Jacks with NC Switch



Small PC mount power jacks designed for 5.5mm barrel plugs. Each has N.C. switch contacts (3 lead jack). We have 2 different types of center post diameters as shown. Prime great quality jacks.

G13507	2.0mm	2/$1.00
G13507A	2.0mm	100/$35.00
G13512	2.35mm	2/$1.00
G13512A	2.35mm	100/$35.00

SMD 2.5mm Stereo Headphone Jack

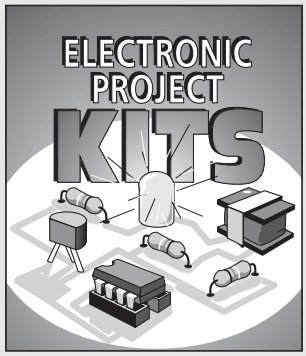
Tiny SMD mounting headphone jack for 2.5mm male headphone plugs. High quality gold plated. Size only 9mm W x 10mm Deep x 4mm H.

G13562 $1.00 ea.

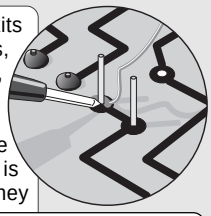
High Quality RCA Jack Assortment

This tremendous assortment of RCA type female jacks is a must have for any audio enthusiast. These all came from an audio equipment manufacturer and most have gold plating for superior connections. This assortment contains right angle and upright PC mounting jacks in a variety of configurations. Brand new - Blowout price! Assortment of 6 jacks.

G13239 99¢



The Electronic Goldmine offers one of the largest selections of low cost, high quality electronic kits available anywhere. Thousands of these kits are sold each month to hobbyists, schools, technicians, engineers, commercial companies, etc. Each of these kits come with a drilled glass epoxy PC Board, all necessary electronic parts (except as noted on a few of the kits) and easy to understand instructions. You only need to provide a battery for the battery operated kits, and if desired, you may wish to provide a case. We recommend that you use a low wattage soldering iron and good quality rosin core solder when assembling your kits. You will also need to have a pair of wire cutters. Building our kits is both rewarding and fun, because they are thoroughly engineered, so that with proper assembly they work the first time! Skill levels should be observed as shown in the listing below.



PC Board Soldering

Skill Level 1 *Beginner*	Skill Level 2 *Intermediate*	Skill Level 3 *Advanced*
No Previous Knowledge of Electronics	Have Built Kits Before Knows AC Safety Precautions Solders Well	Have Built Many Kits Knows AC Safety Precautions Solders Perfectly

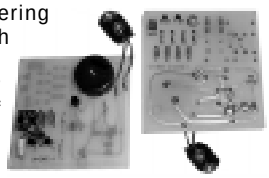
Learn To Solder Kit

Special kit designed for the person who has no experience with soldering. The first 20 components are used to gain soldering experience, but the last 10 components, when soldered in, make a bright red and yellow alternating LED flasher! Practice components include: capacitors, a transistor, resistors, and an IC socket. Requires one 9V battery (not included). Size of board: 4.75" x 3". Skill Level 1
C6445 $8.50 ea.

Deluxe Learn to Solder Kit

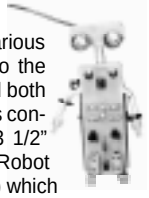
Unique 3 kits in one! Consists of 13 practice parts for middle section, Insanity type alarm at one end and jewel LED flasher at the other end. Uses two 9V batteries (not included). Skill Level 1.
C6491 $12.75 ea.

Universal Learn to Solder Kit



Kit teaches soldering technique for both standard and SMD components. After using both sides of the board to practice, the student will build a fully functional insanity alarm (C6240) which operates on a 9V battery (not included). Skill Level 1.
C6758 $9.25 ea.

Learn to Solder Robot Kit



Consists of 2 circuit boards and various electronic parts that you solder to the boards. The eyes, center LED and both hand LEDs flash brightly for weeks continuously. Simple to build! The 3 1/2" tall x 7/8" wide Learn to Solder Robot uses one 9V battery (not included) which also allows it to stand on just about anything (keyboards, monitors, desks, books, etc.). Skill Level 1.
C6845 $9.95 ea.

Deluxe SMD Learn to Solder Kit

A great way to gain experience in soldering, identification and use of Surface Mount Device (SMD) Technology. Includes a practice section and a working LED flasher. Uses 9V battery (not included). Size of PC board: 2" x 3". Skill Level 2.
C6719 $9.25 ea.

Wake Up Alarm Kit

Sensitive CDS cell operated kit. Sounds like a crazed bumble bee when activated. Operates 2"AA" batteries (not included). Skill Level 2.
C6481 $7.50

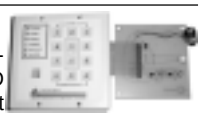
Turn Over Alarm Kit

When this kit is turned over, a loud tone goes off. Prop it up against your door to protect your privacy! Uses 9V battery (not included). Skill Level 1.
C6378 $6.95

Secret Alarm Kit

Scare off anyone who opens your drawer. Arm switch and you have a couple of seconds to close the drawer. Uses 9V battery (not included). Skill Level 1.
C6455 $8.50

Burglar Beware Kit



Realistic control panel with keyboard houses a 2 transistor LED flashing and SCR control circuit that "appears" to be the real thing. Uses 9V battery (not included). Skill Level 1.
C6472 $11.75

Water/Flood Alarm Kit

Emits a high frequency tone and lights a red LED when water comes in contact with its probe wires. Operates on one 9V battery (not included). Skill Level 1.
C6848 $6.45

Burglar Alarm kit

Universal type burglar alarm kit. Operates on 6VDC. Has onboard horn and red LED "on" indicator. Can be used with either normally open or normally closed loops. Skill Level 1.
C6280 $9.25

Window/Door Burglar Alarm Kit

Produces a loud pulsating electronic sound from the built in piezo speaker and it also flashes a bright red LED. A small magnet (included) needs to be attached (glued) to the movable window or door. Operates on a 9V battery (not included). Skill Level 2.
C6703 $10.35

Professional Burglar Alarm Kit

Uses an IC circuit and has an exit time delay, an entrance delay, an automatic horn cutoff after a period of time, an automatic reset circuit, and N.O. and N.C. loops to allow you to use your choice of optional sensor switches, such as reed switches, snap action switches, etc. Operates from two 9V batteries (not included). Size of PC board: 3 1/4" x 2 5/8". Skill Level 2.
C6785 $14.25

Deluxe Burglar Alarm Kit

Features loud sound, adjustable time out period and unique pressure sensitive switch that you construct from materials provided and conceal under door mat. Even has relay contacts to power lights, etc. Battery operated on 6VDC (battery not included). Skill Level 2.
C6486 $12.99

Light Sensitive Sound Generator

Creates a tone which varies depending on the amount of light. Fun beginner kit. Uses 9V battery (not included). Skill Level 1.
C4164 $6.50

10 Note Sound Kit

Make robot sounds, computer effects, etc. Synthesizer features 10 adjustable notes, variable pitch and speed. Circuit features 3 ICs and 12 trimmer resistors. Uses 9V battery (not included). Skill Level 2.
C4722 $15.75

Sci-Fi Sound Effects "Therimin"

Has 2 light sensors: one controls the frequency and the other modulates (varies) the sound. Simple one IC circuit with built in speaker and an RCA jack output. Operates from one 9V battery (not included). Skill Level 1
C6841 $8.95

Music Maker Kit

Plays the tune "When The Saints Go Marching In" every time the button is pushed. Operates on one 9V battery (not included). Size of PC board: 2" x 2 3/4" Skill Level 2.
C6714 $9.25

Megaphone Kit PA

Use as a small self contained system. Includes high gain electric microphone, IC audio amp, volume control and a 3" speaker. Operates on a 9V battery (not included). Skill Level 1.
C6746 $9.25

Electronic Intercom Kit

Great for campers to cab, office, school, etc. Special noise reduction for clear sound. Uses 9V battery (not included). Skill Level 1.
C4743 $12.99

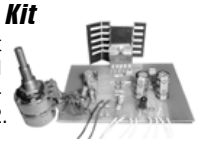
General Purpose Amp Kit

Use as a full volume amplifier for computers or as an amplifier speaker output for various uses. Uses 9V battery (not included). Skill Level 1.
C6238 $11.75

20 Watt RMS Mono Amp Kit

High power amp for various booster applications. Very low distortion, features short circuit and open circuit protection. Operates from 12V DC. Skill Level 2.
C6444 $22.25

10W + 10W Stereo Amp Kit



Features one level control that sets level in both channels and red LED "on" indicator. Operates from 12VDC. Skill Level 2.
C6443 $23.35

20W + 20W Stereo Amp Kit

Great booster for car stereo. Two separate amps on one board, each with their own level control. Operates on 12VDC. Skill Level 2.
C6442 $29.85

80 Watt Car Stereo Booster Kit

Features two crystal clear 40Watt RMS channels for great sounding stereo sound! Operates from as low as 6VDC up to a maximum of 18VDC so it will work in any car. Power output with typical car input voltage of 14.4VDC is as follows: 40Watts per channel into a 2Ω speaker load or 25Watts per channel into a 4Ω speaker load. Maximum power occurs at 2 ohm impedance for each set of speakers. Features 2 level controls (one for each channel). Skill Level 2.
C6817 $39.95

Fuzz Sound Kit

Produce sustained fuzz sounds with your electric guitar and this easy to build kit! Operates from 9V battery (not included). Skill Level 1.
C6239 $11.65

8 Note Tunable Electronic Organ Kit

Tunable 8 note organ features IC oscillator and darlington transistor output stage to provide clear loud tones. Operates from 3V to 9VDC. Size of board: 2" x 5". Skill Level 1.
C4736 $12.95

Portable Filtered Blacklight Kit

Uses long-wave 5 1/4" ultraviolet blacklight tube. Operates on either 6V lantern battery or 4D cell batteries (batteries and holder not included). Skill Level 2.
C6790 $22.00

Deluxe Blacklight in a Case Kit

Features a sturdy and handsome gray custom case. An AC adapter is included so that the blacklight can be operated from standard 120 VAC. Size of case is about 7" x 3 1/4" x 2 1/4". For portable operation at night the kit can operate from 4 "C" cells (not included). Skill Level 2.
C6786 $29.95

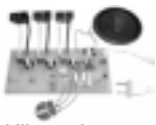
Single Channel Color Organ Kit

Easy to build kit causes lamps (up to 200 watts) to flash to the beat of the music. Operates from standard 120V AC.. Skill Level 2.
C4738 $8.50

120VAC 3 Channel Color Organ Kit

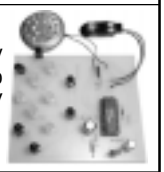
Popular 3 channel organ causes light to flash to the beat and frequency of the music. Great for lamps, Christmas lights, etc. Skill Level 2.
C4530 $15.75

Sound Activated 3 Channel Color Organ Kit



Make lights of your choice (up to 200 watts per channel) to flash to the beat of the music without any connection. Operates from standard 120V AC. Skill Level 2.
C6353 $25.99

Shimmering Color Organ Kit



Portable unit provides colorful display in response to music. Uses 12 jumbo LEDs, 6 each red and yellow. Uses 9V battery (not included). Skill Level 2.
C6446 $10.50

Exploding Star Color Organ Kit

The display is like a firework that is in sync with your music. No connection to your sound source is necessary as it uses an ultra-sensitive electret microphone to pick up the sound. Kit uses 25 total blinding output LEDs in red, green and yellow colors. Operates on one 9V battery (not included). Skill Level 3.
C6818 $15.95

Bright Star Color Organ Kit

Features 5 bright LEDs that flash to the beat of the music. Circuit features a miniature electret microphone and a high gain 3 transistor circuit so no connections to your stereo are needed! Operates on one 9V battery (not included). Skill Level 1.
C6815 $6.49

Crazy Chirper Kit

CDS cell circuit keeps unit silent until the lights go out! That's when chirper is activated driving unsuspecting guests crazy. Uses 9V battery (not included). Skill Level 1.
C6470 $6.25

The Aggravator Kit

Place this kit in a hidden place in the room and it will wait in total silence until the room darkens. In the dark it begins its aggravating function: for about 2 or 3 seconds every 3 to 5 minutes it emits a tone. Operates on one 9V battery (not included). Skill Level 1.
C6840 $5.50

Irritator Kit

Produces irritating pulsating noise and irritating pulsating red light. Uses 2 red LEDs and Piezo speaker has slide control that allows speed adjustment. Uses 9V battery (not included). Skill Level 2.
C6485 $11.75

TOWS Kit

Terribly Obnoxious Woodpecker Sound (TOWS) kit produces the sound of what a crazed woodpecker might sound like. Uses 9V battery (not included). Size of PC board: 2 3/4" x 1 3/8". Skill Level 1.
C6712 $5.95

Jungle Bird Kit

Have fun producing the sound of canaries or exotic jungle birds. Features 2 controls to produce various bird chirps. Uses 9V battery (not included). Skill Level 1.
C6374 $8.50

Phasor Sound and Light Kit

Produces sound and light you've seen in space movies. You can control frequency of the sound. Uses 9V battery (not included). Skill Level 1.
C6406 $8.50

Mood Meter Kit

Features a colorful label that you glue onto the PC board and 10 bright colorful LEDs to indicate your mood. Blue LED= "Cool as a cucumber", Green LED= "Easy going", Yellow LED= "Warm hearted" and Red LED= "Smokin hot". Works of off your skin resistance Uses one 9V battery (not included). Skill Level 2.
C6775 $12.50

Fish Caller Kit

This kit produces a clicking sound which is said to attract fish! Some costomers have reported excellent results, but who knows? Uses one 9V battery (not included). Skill Level 1.
C4566 $4.75

Insanity Alarm Kit

When you turn the lights off this kit emits a loud irritating tone. Turn lights on and it's silent. Uses 9V battery (not included). Skill Level 1.
C6240 $6.50

GOT-YA Kit

You have to know the secret to turn alarm off. When picked up it makes a loud obnoxious noise. Uses 9V battery (not included). Skill Level 2.
C6464 $11.75

Expression Flasher Kits

Each project kit features a custom designed full color label and a bright flashing red LED. These fun and easy-to-build kits make a perfect introduction to basic electronic circuit theory and transistor function. Operates one 9V battery (not included), Size of PC Board: 3 1/4" x 4 3/4". Skill Level 1. Each kit is sold separately.

C6766	No Bozo Blinker Kit	$6.50
C6767	No Entry Kit	$6.50
C6768	No Smoking Kit	$6.50
C6769	Radiation Alert Kit	$6.50
C6770	Biohazard Kit	$6.50
C6771	Sleep Deprived Kit	$6.50

LED Flasher Kit

This attention getter flashes a red and green LED. Easy to build. Uses 555 timer IC. Operates on 5 to 9V DC Skill Level 1.

C3287 $4.75

Jumbo LED Flasher Kit

Simple to build kit uses a to flash a jumbo red LED. Makes a great first kit! Operates from one 9V battery (not included). Size of board: 1.25" x 1". Skill Level 1.

C4567 $4.75

Tri-State LED Flasher Kit

This kit uses a trimmer control for continuous red or alternating red/green flashing from one LED! Great for beginners. Uses 9V battery (not included). Skill Level 1.

C4069 $5.95

Super LED Flasher Kit

Perfect for robot projects, space models, warning lights, etc. Features 4 LEDs, 2 red, 1 yellow and 1 green that flash. Uses 9V battery (not included). Skill Level 2.

C4407 $6.50

XXL Green LED Flasher Kit

Features 2 mammoth (10mm) green LEDs that alternately flash. Circuit uses 1 IC and operates from one 9V battery (not included). Skill Level 1.

C6791 $5.25

Sequential LED Flasher Kit

Easy to build kit combines IC circuitry and 10 jumbo red LEDs, which continuously light sequentially from right to left. Uses 9V battery (not included). Skill Level 2.

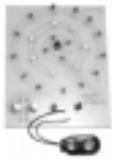
C4431 $10.25

Red Arrow Kit

Made up of 63 jumbo LEDs, the arrow lights sequentially and appears to move. Comes with 9V snap, but is adaptable between 5V and 12VDC. Skill Level 2.

C6398	Red LEDs	$23.40
C6399	Green LEDs	$25.95
C6400	Yellow LEDs	$25.95

Fireworks Kit



Creates exploding "fireworks" display. Features 17 micro red LEDs, 7 green mini LEDs and 1 jumbo red LED. Uses 9V battery (not included). Skill Level 2.

C6454 $9.25

Sports Car Flasher Kit

Features a full color sports car picture with yellow lights and red tail lights. Unique PC board allows most components to be mounted on back. Uses two transistor circuity. Operates on 9V battery (not included). Skill Level 1.

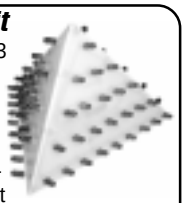
C6757 $6.50

Flashing Stop Sign Kit

This 5" red and white stop sign features 22 tiny red LEDs which flash at a variable rate you can control. Uses 9V battery (not included). Skill Level 2.

C6788 $12.95

3D Shimmering Pyramid Kit

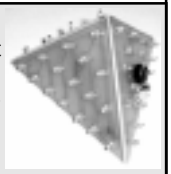


Uses 75 jumbo red LEDs on a 3 dimensional pyramid that stands over 4" tall and has a base of 6" x 6" x 6". Has a hidden control to vary the effect from an overall shimmering effect to a sequencing effect. Uses one 9V battery (not included). Skill Level 3.

(Please do not attempt this kit if you have never built a kit).

C6437 $32.50

Mysterious 3D Pyramid Kit



This mysterious and amazing kit features 47 bright LEDs that flash at a rate that you can adjust. Uses one 9V battery (not included). The pyramid is about 3" high and has a 4 1/2" base. Skill Level 2.

C6792	Red LEDs	$16.85
C6793	Yellow LEDs	$16.85
C6794	Green LEDs	$16.85
C6795	Blue LEDs	$49.95

Atom Expander Kit

This attention getter uses 98 red LEDs to produce "exploding atom" effect. For the experienced kit builder. Uses 9V battery (not included). Skill Level 3.

C6373 $35.25

Fascination Star Kit

Produces a "star"' visual effect using 25 LEDs and IC circuitry. Uses 9V battery (not included). Skill Level 3.

C4432 $16.95

Flashing Triangle Kit

Triangle shaped LED flasher consists of 2 separate flasher groups, one flashing at a faster rate than the other. Features 8 jumbo red LEDs. Uses 9V battery (not included). Skill Level 1.

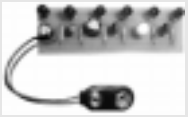
C6440 $7.25

Giant LED Traffic Light Kit

Uses 3 giant 10mm LEDs. Just like a real traffic light, this smaller version slowly sequences through green, yellow and red lights. Uses one 9V battery (not included). Size of PC board is 3 1/4" L x 1 15/16" W. Skill Level 1.

C6810 $6.95

Super LED Chaser Kit



Three groups of 2 LEDs light up sequentially to provide a stunning display. Uses one 9V battery (not included) and comes in your choice of colors. Skill Level 2.

C6825	Red LEDs	$3.95
C6826	Green LEDs	$3.95
C6827	Yellow LEDs	$3.95
C6828	Super Bright Clear Red LEDs	$4.50
C6829	Super Bright Clear Green LEDs	$4.50

7 Speed Perpetual Blinker Kit

Kit blinks three powerful clear LED's, with seven different speeds, controlled by an 8 position DIP switch. Operates on 2 AA batteries (not included). Skill Level 1.

C6744 $5.85

Coin Tosser / Decision Maker Kit

Features one red LED and a green LED that flash at high frequency when you touch sensor wires. One LED remains on when finger is removed. Uses 9V battery (not included). Skill Level 1.

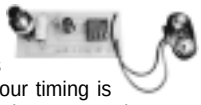
C6354 $4.75

Lie Detector Kit

Fun "poor man's lie detector"! Pitched tone varies if you are relaxed or nervous. Uses 9V battery (not included). Skill Level 1.

C4657 $6.50

Time Reaction Tester Kit



If you ever thought that your sense of timing was good here's an electronic kit to prove it! If your timing is good the LED will stay on, if not the LED continues to flash. Uses one 9V battery (not included). Skill Level 1.

C4516 $4.95

Super Time Reaction Kit

This fun kit tests your reaction time. Your reaction rating is indicated by labeled LEDs. Has an adjustable speed control. Uses 9V battery (not included). Size of PC board: 3 1/4" x 4". Skill Level 2.

C6716 $11.25

Macho Meter Kit

5 LEDs flash when your fingers are on touch plate. Remove your fingers and your "rating" is indicated by LED remaining on. Uses 9V battery (not included). Skill Level 2.

C6362 $11.50

The Tingler Kit

Are you a "Hero" or a "Wimp"? This kit will give you a chance to prove it! When you place your fingers on the touchpads, you'll then receive a "tingling" sensation from the varying intensity electrical voltage which you can adjust from "Wimp" up to "Hero." Uses one 9V battery (not included).Skill Level 1.

C6740 $11.75

IC Decision Maker Kit

When you depress a small on board switch a bright green LED and a bright red LED begin to alternately flash. As soon as you release the button, one of the LEDs stays on indicating the decision. Uses a CMOS IC and operates on one 9V battery (not included). Skill Level 1.
C6701 $4.95 ea.

Deluxe Decision Maker Kit

Displays the results to your questions using a variety of bright colored LEDs. Uses a 2 IC circuit and a label you glue onto the PC board. Uses one 9V battery (not included). Skill Level 2.
C6780 $8.95 ea.

Attitude Selector Kit

Place your finger on the sensor wires and the "Happy Face" and "Sad Face" LED eyes will glow. When you remove your finger only one set of eyes will stay on indicating your attitude. Uses one 9V battery (not included). Skill Level 1.
C6776 $6.50 ea.

Wheel of Fortune Kit

Push the button and 10 red LEDs appear to spin around wheel, as speaker ticking sound in sync. Release button to see what number the "ball" lands on. Uses 9V battery (not included). Skill Level 3.
C3806 $14.50

Rolling Dice Kit

Push the button on this kit and 6 bright red dice "roll" rapidly. Release the button and one of the six standard dice patterns stays on indicating your number. Uses 9V battery (not included). Skill Level 1.
C6412 $16.95 ea.

Digital Racquetball Game Kit

This game is like playing racquetball against a computer opponent. The ball is represented by LEDs, and you have to "hi" the ball by pressing a button. Includes an adjustable speed control so that beginners will enjoy playing just as much as the "experts". Uses one 9V battery (not included). Skill Level 2.
C6726 $18.15 ea.

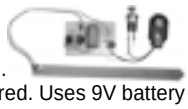
Cliff Hanger Game Kit

Can you make it to the top of this electronic mountain without falling? A fun game of timing and skill make Cliff Hanger as much fun to play as it is to build. Operates from 9V battery (not included). Skill Level 2.
C6723 $14.50 ea.

Alien Attack Game Kit

Aliens are attacking, and it is up to you to intercept their bombs before they reach the ground. A great game of skill to keep you on your toes! Operates from 9V battery (not included). Skill Level 3.
C6727 $18.25 ea.

Plant Soil Monitor Kit

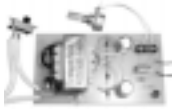


Two bright LEDs help to determine if your plants need watering. Adjustable to moisture level desired. Uses 9V battery (not included). Skill Level 1.
C4744 $5.95 ea.

Phone Hold with Music Kit

This handy kit not only puts your caller on hold, but plays music to entertain the caller. Comes complete with AC adaptor. Size of PC board: 3 3/8" x 3". Skill Level 2.
C6718 $16.95 ea.

0-9VDC Variable Power Supply Kit

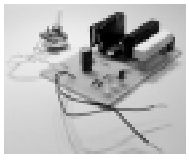


Perfect for powering radios, small tape players or various electronic projects. Control sets voltage. Operates on 120VAC. Skill Level 2.
C6438 $10.50 ea.

0-12Volt Variable Power Supply Kit

Ideal for powering various electronic projects. Features a circuit protecting fuse, full-wave rectification, a LED power indicator, On/ Off switch, and a potentiometer. Outputs a maximum current of 125mA@12V and 200mA@10V or less. Skill Level 2.
C6724 $10.75 ea.

1 AMP Variable Power Supply Kit



Features red, yellow, and green LEDs that glow at different output voltages from 0-12V. Great for powering projects, calculators, radios, tape recorders. Operates on 120VAC. Skill Level 2.
C6789 $23.50

Battery Tester Kit

Tests all types of common batteries. Features 5 calibrated trim pots to pre-set 5 types frequently used and has red and green LEDs. Uses 9V battery (not included). Skill Level 1.
C6414 $11.75 ea.

Transistor Tester Kit

Use this kit to test both NPN and PNP type transistors. Useful for identifying unmarked transistors. Uses 9V battery (not included). Skill Level 2.
C6448 $7.85 ea.

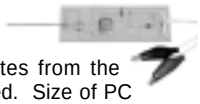
Continuity Tester Kit

A must for anyone working with electronic circuits. Traces shorted contacts, circuit path continuity, etc. Uses 9V battery (not included). Skill Level 1.
C6385 $4.75 ea.

Super Continuity Tester Kit

Uses a special Darlington amplifier circuit to allow you to detect even AC fields, negative ions or static charges. Operates from one 9V battery (not included). Skill Level 1.
C6787 $5.15 ea.

CMOS/TTL Logic Probe Kit



This logic probe was designed to operate with voltages between 5 and 20 volts. Operates from the power of the circuit being tested. Size of PC board: 3 5/8" x 1 1/4". Skill Level 1.
C6722 $7.85 ea.

3 Slot AC Outlet Tester Kit

This very useful tester checks outlets for 6 different faults or safety hazard conditions and displays the results. Uses bright "orange glow" neon lamps Operates from 120VAC. Size of PC board 2" x 2". Comes complete with a clear plastic box and label Skill Level 2.
C6842 $7.80 ea.

Electronic Cricket Kit

This electronic cricket starts "chirping" every time it gets dark. Of course, if you turn on the lights to look for the"cricket" it becomes silent again. Loads of fun. Uses 9V battery (not included). Skill Level 1.
C6707 $6.50 ea.

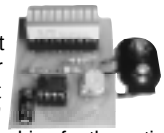
IR Controlled Spinner Kit

Aim your remote at this kit and the bright red hypnotic wheel starts rotating. Uses a motor and a sensitive IR module to allow it to operate with any brand or type of IR remote control made. Uses one 9V battery (not included). Skill Level 1. ***NOTE:*** You provide the TV or VCR IR remote control.
C6778 $6.50 ea.

SMD Flashing Initials Kit

Very unique kit flashes two initials of your choice on and off. Features extremely bright red SMD LEDs that you install to form any two letters from A to Z or any two numbers from 0 to 9. Letters are 2" high and can be seen from quite a distance. Complete with 44 SMD LEDs, all parts, PC board and instructions. Overall size of PC board 2 1/2" x 3". Operates from one 9V battery (not included). Skill Level 3 (This kit is not for beginners).
C6861 $12.95 ea.

Hypnotic Bars Kit

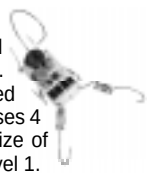


This unusual kit consists of 10 bright green LED bars which shimmer or flash for a hypnotic looking display. Kit features 1 IC circuit with a "Bar effect" control to adjust the back and forth flashing for the optimum unique shimmering display. Although the kit won't hypnotize you it really has a unique attention getting display of bright green bars. Operates from one 9V battery (not included). Size of PC board 2" x 1 1/2". Complete with all parts, PC board and instructions. Skill Level 2.
C6772 $6.45 ea.

44 Second Kit

Press the arming button and the kit gives you about 44 seconds (give or take) to get away before an electronic tone sounds and the number 44 lights up on the bright red display! Uses one 9V battery (not included). Skill Level 1.
C6730 $6.45 ea.

SolarBug Kit



Produces a sound similar to a crazed cricket whenever the sun shines on it. Your tiny SolarBug can even be placed under a lamp and will "chirp" happily. Uses 4 tiny solar electric power generators. Size of PC board is about 2" x 15/16". Skill Level 1.
C6843 $9.95 ea.

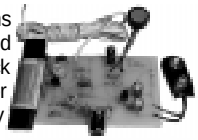
Quiz Master Kit

This kit is the perfect answer to scholastic challenges, quiz olympiads, quiz answer bowls and any question/answer contest. Features 8 separate answer buttons and a master control board with 4 Red Team and 4 Green Team LED lights. The first contestant to answer after the question is asked causes 3 events to occur: A loud tone sounds, all other contestants are locked out, the contestant's indicator LED lights up on the Master Control Board to let the teacher know who to call on. The control board features a selectable time out tone that can be adjusted to any period of time from 3 seconds to 15 seconds. This tone is totally separate from the answer tone. With The Quiz Master you will have perfect judging every time—it never makes a mistake in choosing which contestant was first. Operates from 8 AA (not included). Overall size of board: 3.875" x 9.625" Complete with all parts, PC board, 100 feet of 2 conductor wire and instructions. Skill Level 3.
C6419 $89.95 ea.

FM Wireless Microphone Kit

Tiny FM wireless microphone transmits every sound in a room to any FM radio. Use it as a baby monitor, one-way intercom, etc. Size of PC board: 1 13/16" x 1". Operates from one 9V battery (not included). Skill Level 2.
C6715 $7.85 ea.

AM Microphone Broadcast Station Kit



Be a DJ on any radio. Kit contains high gain electric microphone and two transistors. Also has a RCA jack to connect to your tape recorder or CD player. Operates on 9V battery (not included). Skill Level 1.
C6752 $10.50 ea.

Metal Locator Kit

Transistorized circuit uses sensitive circuit and coil. Can detect up to 5" away depending on size of object. The metal locator detects metal by a shift in tone which is transmitted to a standard portable AM radio (you supply). Operates from 9V battery (not included). Skill Level 1.
C6742 $5.75 ea.

Manual Siren Kit

Produces loud upward and downward wail of a "police" siren as push-button is depressed. Good for sound effects. Uses 9V battery (not included). Skill Level 1.
C6382 $7.80 ea.

Super Siren Kit

Loud irritating siren features one special IC that contains 3 transistors and a high gain power amp. Uses 9V battery (not included). Skill Level 2.
C6474 $10.50 ea.

Secret Squealer Kit

This is a strange and amusing kit. It emits a strange high pitched squeal once every minute. It is pretty difficult to find because it only squeals for a second every minute. Uses one 9V battery (not included). Skill Level 1.
C6379 $6.50 ea.

Smallest Variable Strobelight Kit

Features an on board control to adjust the flash rate from about 35 to 240 per minute and it operates from a 9V battery (not included). Requires only about 60-65ma to operate. Size of PC board is 1 13/16" x 1 1/2". Skill Level 2.
C6844 $12.95 ea.

9V DC Strobe Warning Flasher Kit

Compact strobe flasher produces brilliant flashes of white light. Great safety device. Skill Level 2.
C5175 $16.95 ea.

12VDC High Power Strobe Kit

Brilliant xenon horseshoe strobe tube flashes at a rate you control, from 60 to 350 times per minute. Operates from 12V DC. Skill Level 2.
C6460 $28.75 ea.

Dual Strobe Light Kit

Two straight xenon strobe tubes alternately flash at a fixed rate of about 120 per minute. Operates from standard 120V AC. Skill Level 2.
C4622 $15.75 ea.

120VAC Strobe Light Kit

Variable speed, 120 to 200 flashes per minute. Very popular kit. Great for parties, dances, etc. Operates on 120V AC. Skill Level 2.
C3071 $14.30 ea.

120VAC Brilliant Strobe Kit

Popular kit features horseshoe shaped xenon flashtube. Variable rate from about 120 to 300 flashes per minute. Skill Level 2.
C4823 $18.25 ea.

120VAC High Power Strobe Light Kit

Deluxe strobe light kit has control to vary flash rate from 60 to 300 flashes per minute. Uses horseshoe strobe tube and reflector. Operates from standard 120V AC. Skill Level 2.
C4162 $23.50 ea.

Laser Pointer Switch Kit

Control slide projectors, lights, sound sources, etc. during a presentation. Simply point your laser pointer at the large CDS cell and the kit responds by closing a set of relay contacts rated 1Amp at 120VAC. To turn off the item just aim the beam at the CDS cell again. Operates from an AC adapter (included). Skill Level 2.
C6733 $19.50 ea.

Laser Target Kit

Shine any laser pointer at this kit and a bright red star flashes when you hit it. Works at great range. Operates on one 9V battery (not included). Skill Level 1.
C6739 $7.25 ea.

Fantastic Simulated Laser Kit

Emits a small red circle about 10 feet away in a dark room. Great for safely simulating lasers in science projects. Uses 9V battery (not included). Skill Level 1.
C6394 $9.25 ea.

Infrared Transmitter Kit

Make your own "phasor gun" with this kit. Shoots high power IR pulse when button is pushed. Only works with C6392 kit (above below). Uses 9V battery (not included). Skill Level 2.
C6393 $8.99 ea.

Infrared Target Kit

Red diamond pattern made up of 4 red LEDs flashes when hit by infrared beam. Super sensitive - works with all IR guns available. Great for tag games. Uses 9V battery (not included). Skill Level 2.
C6392 $12.99 ea.

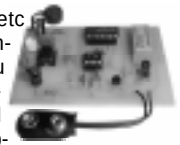
IR Genie On/Off Switch Kit

Control lights, music, radios, etc with any TV, VCR or IR remote. Red LED indicator, two IC circuit. Range is from 18 ft to 28 ft. Operates on a 9V battery (not included). Skill Level 2.
C6748 $12.95 ea.

Remote Controlled Nightlight Kit

Simply aim any IR remote (that you already own) at this simple kit and 2 laser like brilliant LEDs light up and stay on for about 5 minutes. Uses one 9V battery (not included). Skill Level 1.
C6777 $6.50 ea.

Sound Wizard On/Off Switch Kit



Control lights music alarms etc with a clap of your hands. Contacts remain closed until you clap again. Utilizes a 3 IC circuit with LED indicator and DPDT 1 AMP Relay contacts operates on 9V battery (not included). Skill Level 2.
C6754 $12.95 ea.

Magic Christmas Tree Kit

When a 9V battery (not included) is connected, the bulbs on the tree blink all red then all green and then back to red again. Size of PC board: 2 1/2" x 2 5/8". Includes color label which you glue to the PC board. Skill Level 1.
C6773 $4.95 ea.

Flashing Christmas Trees Kit

Red and green LED Christmas trees flash alternately in this colorful kit. Operates on 9V battery (not included).
Size of PC board: 3 5/8" x 1 7/8". Skill Level 2.
C6711 $9.25 ea.

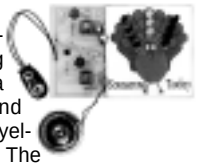
Heart Throb Kit

How fast will your heart throb? This kit is made up of 36 jumbo red LEDs in the shape of a heart. It responds to your skin resistance through touch pads. Uses 9V battery (not included). Skill Level 2.
C6410 $12.99 ea.

The Haunted Pumpkin Kit

Here is the perfect kit to spice up your Halloween. In addition to alternately flashing its green LED eyes with its red LED nose, it also produces an eerie, spooky electronic sound from its piezo mouth. Uses one 9V battery (not included). Skill Level 2.
C6783 $8.95 ea.

Screaming Turkey Kit



Colorful kit makes a great addition to any Thanksgiving celebration. Produces a screaming turkey sound and the colorful red, green, and yellow LEDs light up and flash. The 2 IC circuit features 2 separate controls to adjust the sound and flashing speed. Uses one 9V battery (not included). Skill Level 2.
C6784 $9.50 ea.

Monkey Surprise Kit

Simply place a drop of water on the monkey's face, turn the arming switch to "on" and hide the Monkey Surprise Kit in the room. The kit will remain silent until the water on the Monkey's face evaporates. When it does, the kit will go crazy emitting a sound that is a mix between a crazed jungle bird and an irritated monkey. Operates on a 9V battery (not included). Skill Level 1.
C6877 $5.95 ea.

Secret Water Drip Kit

Anyone trying to get a good nights sleep when you hide this kit in the bathroom will have a tough time. When the lights go off it emits a realistic "drip drip" sound. Of course, when the victim turns the light on to check the faucet, the kit becomes quiet and they will find the faucet isn't dripping. When the light is turned off, the drip sound begins again. A fun and easy to build kit. Size of PC board: 2.2" x 1.7". Operates on one 9V battery (not included). Features 2 controls to adjust drip sound and rate. Skill Level 1.
C6892 $4.95 ea.

Night Popper Learn to Solder Kit

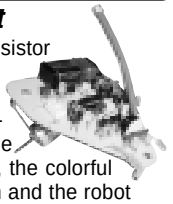
Here's our newest and strangest robot. The Night Popper waits until it gets dark and then it starts its random exploring. While it explores it sets off a brilliant almost firework looking display from it's 3 white lamps and emitts a crackling popping sound from its on board piezo speaker. Features 2 small DC motors, 2 photodarlington transistors, a relay/CDS cell circuit and 4 drive transistors. The special bonus with this robot is that you get 2 snap off PC boards with 21 components that you solder in before building the robot. By doing this, you can gain ample soldering experience before building the Night Popper. Great learning tool and if you already know how to solder, just snap off the boards and build the Night Popper only. Robot itself is about 3 1/8" square. With the learn to solder boards attached the PC board is 4" square. Requires 2 AA batteries and 1 9V battery (not included). With all parts and instructions. Build this and you will amaze, entertain and mystify your cats, dogs and friends! Skill Level 1. **Go to** http://www.goldmine-elec.com/video.htm **for a color video of this kit in action!**
G13696 $17.95 ea.

Light Spider Robot Kit

One of Our Most Popular Kits!

This amazing new robot uses its electronic brain to follow or find a light source (such as a standard flashlight). Using its drive motors, the Light Spider will scoot across any smooth hard surface (such as a linoleum floor or a wooden table top) looking for light. While searching, a LED array on the front of the robot lights up and blinks. You will be amazed at the Light Spider's ability to follow light. Operates from one 9V battery (not included) and uses a transistor brain to control its 2 motors. The PC board and motors can be customized by painting them before assembly. Size of PC board is approximately 3.75" x 2.5" . Skill Level 2.
C6886 $11.95 ea.

CE2S Soundseeker Robot Kit



The CE2S uses an IC and 7 transistor circuits with adjustable controls for motor activation times and sound sensitivity. Uses a sensitive microphone which constantly "sniffs" the area for sound. When it detects it, the colorful LEDs at the front of the robot flash and the robot stops for a second and then changes direction. Operates from a 9V battery (not included). Designed to travel on any smooth surface (not carpet or pavement). Size approximately 4.9" L x 4" W. Skill Level 3.
C6882 $32.95 ea.

Mr. Edgey Robot Kit

Mr. Edgey robot kit uses his "brain" to detect the edge of the surface he is travelling on. He uses a vibrating motor for motion and has an LED sensor at the front to detect "the edge". As soon as the front of Mr. Edgey passes the edge of a surface, the motor shuts down and the LED stays on indicating "the edge". Have contests with other "edge" robots robots to see which one gets to the edge first, or which one is not adjusted properly and falls off the side first. Robot comes with built-in rechargeable batteries and wall adapter AC charger (no batteries to buy). Size of PC board: 3" x 2"(triangle). Skill Level 2.
C6896 $12.95 ea.

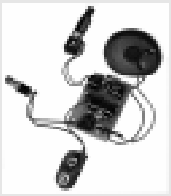
Alien Warbot Robot Kit

Activated by IR energy, this kit remains motionless until it detects IR energy. It will come to life when you press random buttons on any TV/VCR remote or by our IR Activator Robot Kit (to the right). When activated, it vibrates/scoots on any smooth surface and also flashes 7 bright LEDs. Movement stops as soon as the source of IR energy stops. Operates from one 9V battery (not included). Round PC board is 2 3/4" in Dia. Skill Level 2.
C6870 $14.95 ea.

IR Activator Robot Kit

Our special IR Activator Kit vibrates and scoots while flashing 1 red LED and 6 IR LEDs. If placed near an Alien Warbot, the IR Activator Robot will cause the Warbot to immediately come to life and either move towards it to attack or away from it to run! This kit is not activated by IR energy, in fact its job is to produce crystal controlled IR energy to activate IR sensitive robots. Operates from one 9V battery (not included). PC board is 2 3/4" Dia. Skill Level 2.
C6871 $15.95 ea.

Deluxe Ultrasonic Sniffer Kit



Did you ever wonder about the limitation of human hearing? At best, we can only hear from about 20Hz up to 20,000Hz, and most of us can't even hear sounds past 15,000Hz. Our Deluxe Ultrasonic Sniffer Kit uses a frequency division 4 IC circuit to convert all ultrasonic frequencies up to 150kHz to an audible frequency we can hear. Now you can hear what a dog whistle sounds like. Shake several coins or keys and you'll be amazed at the sound! Early TV remotes and todays digital distance measuring devices use ultrasonic frquencies. It can even be used to check for high pressure air leaks and can be used to listen to some mammals that produce ultrasonic sounds.This deluxe kit comes complete with a case with speaker and operates on one 9V battery (not included). Size of case: 4.8" x 3.3" x 1.2". Skill Level 2.
C6897 $24.95 ea.

Deluxe Bat Detector Kit

Bats use echolocation which allow them to navigate, detect objects, and find their prey in total darkness. This "echolocation" consists of ultrasonic signals (signals above the range of human hearing that the bats send and receive like radar).Our amazing Deluxe Bat Detector Kit uses a 4 IC frequency division circuit to convert these ultrasonic frequencies to audio frequencies (in the range of our hearing). Not only does our Deluxe Bat Detector Kit have a built-in speaker to produce the sounds, but it also flashes a bright green LED that is in sync with the sound. Our bat detector works with all bats and operates on one 9V battery (not included). Complete with attractive 3.5"x 2.5" x 1.4" case. Skill Level 2.
C6899 $29.95 ea.

Deluxe Professional Xenon Strobe Kit

Attractive and powerful xenon strobe kit comes complete with a custom designed case. Features operation from 120VAC, variable flash rate speed control, long life horseshoe xenon strobe tube and sturdy beige case with clear front lens. This high quality kit has everything you need to make a reliable professional quality xenon strobe that is perfect for parties, dances, theatrical effects, attention getters, etc. Complete with all parts, PC board, case with lens, knob, instructions and power cord. Designed for heavy duty use with both thermal protection and overload fuse protection. Size about 6 1/8"W x 2 1/8"H x 6 3/4"Deep. Skill Level 2.
C6888 $26.95 ea.

Battery Operated Blacklight Kit

Here's an unusual kit that is just the thing for finding fluorescent minerals, detecting insects that glow under black lights, reading invisible fluorescent inks, etc. Completely portable kit comes with an unfiltered large "U" shaped black light tube and efficient solid state drive circuitry. Features control to vary the brightness and lightweight portable design. Size of board: 7" x 1.8". Operates from 6VDC (battery not included). Skill Level 1.
C6889 $10.95 ea.

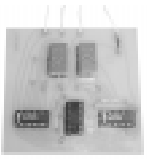
Regulated Triple Output DC Power Supply Kit

Great for use in a laboratory, on a test bench, or for experimentation. This power supply is 3 variable power supplies in one unit. It features ±1VDC to ±15VDC @ 400ma and +1V up to 21VDC @ 1Amp. Uses IC voltage regulator and a powerful transformer for reliable operation. Operates from 120VAC, and features 3 separate controls to adjust the 3 separate voltages. Size of PC board: 7" x 3.9". Complete with all parts, PC board & instructions. Skill level 2.
C6895 $24.95 ea.

Gravity Detector? Kit

This kit detects gravity? Well, not really- But what it does do is remain in an off state until a curious person lifts up the kit to study it. The "Gravity Detector" has a CDS cell underneath the board that activates when the board is lifted and gives the "curiosity seeker" a mild electric shock from the "handle" attached to the board. A great practical joke item! Uses IC, SCR and FET circuitry. Operates on one 9V battery (not included).Size of PC board: 4"x 2". Skill Level 2.
C6894 $9.95 ea.

Decimal Display Kit

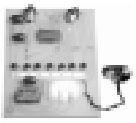


The Decimal Display Kit counts and displays decimal numbers from 0 to 99. Its primary function is to be connected to the Binary Counter Kit to display the decimal number equivalent of the binary number shown on the Binary Counter Kit. Features IC circuitry and two bright 7 segment LED displays. Operates from one 9V battery (not included). Size of board: 3" x 3.25". Skill Level 3.
C6360 $12.95 ea.

Cosmic Poppers Kit

This very unusual kit emits random pops and random explosions of bright white light when it is in the dark (kit has a CDS cell to sense the absence of light). Features SCR and CDS circuitry with 3 bright lamps and a piezoelectric speaker. Easy to build and it creates a spectacular display. Size of PC board: 2.9" x 2.4". Operates on 2 "AA" batteries (not included). Skill Level 1.
C6893 $6.95 ea.

Binary Counter (Logic Basics) Kit

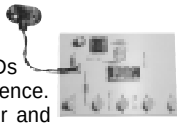


This kit counts in binary numbers and displays the binary number by red LEDs. A LED turned on is a "1" and off is a "0". The counter increases by one number each time the button is pushed. It also can count automatically by holding the button down. Teaches logic principles and binary counting. This kit features 7 red LEDs, count button, clear button and 2 IC circuit. Counts from "0" up to "127" in binary numbers. Can be used alone or can be connected to the Decimal Display Kit. Operates from 9V battery (not included). Size of circuit board: 3.6" x 3". Skill Level 3.
C6359 $11.95 ea.

"Blinder" LED Flasher Kit

This kit features 3 crystal clear special LEDs which create brilliant flashes of orange-red light. The light output of this flasher kit can even be seen in direct sunlight. Very Bright! Great for joggers, bicyclists, warning markers, etc. Size of PC board: 2" x 1.4". Operates on one 9V battery (not included). Flash rate is adjustable with the built-in trimmer potentiometer. Skill Level 1.
C6891 $3.99 ea.

Magic Color LED Sequencer Kit



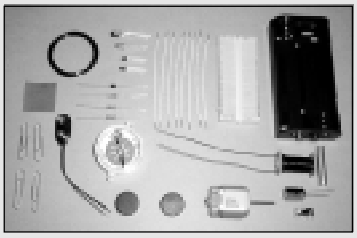
Produces brilliant moving "red dots" at first. After the 5 LEDs sequence red, the same LEDs produce 5 "green dots" in sequence. The pattern repeats itself over and over. Features speed control. Operates from one 9V battery (not include). Skill Level 2.
C6863 $7.95 ea.

Telephone Ring Flasher Kit

Here's a useful kit to prevent missed phone calls when the TV or stereo is a little too loud. Simply plug the modular phone cord on this kit into any phone jack. Now each time any phone in the house rings a brilliant red light from 5 red LEDs will flash. Operates for months on one 9V battery (not included). Comes with all parts, PC board and instructions. Size of board 2 1/2" x 1 1/2". Skill Level 2.
C6862 $7.95 ea.

Kits – Labs & Courses

25 in 1 Deluxe Magnetism, Motors & DC Curcuits Exploration Lab



This fun, interesting and reusable Exploration Lab is perfect for any beginning student in Science, Electricity/Electronics, or Physics. Not only does this course introduce students to important concepts in magnetism, but also it introduces them to resistance, capacitance, diode action, LEDs, electromagnets, motors, switch operation, color code for resistors, series/parallel circuits, basic Ohm's Law, current flow measurement and even electricity generation.

This breadboard kit requires no soldering and is battery operated for safety. This course doesn't require any previous experience or knowledge. The instructor does not need to be involved if he or she chooses not to and the Lab will amaze and provide interesting experiments to motivate your students. This Lab can be used over and over again so it is very economical.

The 25 in 1 Deluxe Magnetic Lab covers some of the same concepts that are presented in our 33 in 1 Electronic Exploration Kit, however the 33 in 1 moves onto electronic concepts whereas this Lab concentrates on electricity and magnetism concepts and goes into more depth in these areas. It's best to have the students complete the 25 in 1 Deluxe Magnetism Lab first and then move on to the 33 in 1 Deluxe Electronic Exploration Lab Kit if possible, although each Lab can be used alone and neither Lab requires any previous knowledge of electricity!

The Deluxe Magnetism Lab Instruction Manual features 25 exciting and fun to build learning experiments. Each experiment has an explanation, a hands on Lab that the student completes and a short quiz to help with the learning experience and reinforce important concepts.
Please look at the list of experiments on the right and you'll discover that the 25 in 1 Deluxe Magnetism, Motors and DC Circuits Exploration Lab is the best introduction to electricity and magnetism, at an affordable price, on the market today. Complete with all parts, universal breadboard and comprehensive Lab Manual. Requires 4 "C" batteries (not included). Skill Level 1.

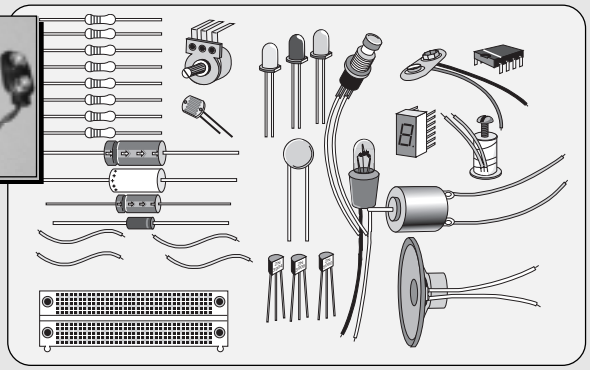
C6819 $22.95 ea.

Check out the experiments / learning activities in the 25 in 1. Each one is designed to progress in an easy-to-follow and logical manner. Each experiment explores both meaningful and interesting topics:

1- Permanent Magnets
2- Electromagnets
3- Compass Operation
4- Galvanometer
5- The Basic Electrical Circuit
6- Resistors / Color Code
7- Light a LED
8- The Diode
9- Series Circuits
10- Parallel Circuits
11- Series / Parallel Circuits
12- Current Flow in Circuits
13- Ohm's Law
14- Switch Action
15- Make a Simple Motor
16- Practical Motor
17- Complex Circuit
18- Insulator or Conductor
19- Flashing LEDs
20- The Capacitor
21- Electronic Coin Flipper
22- Swinging Compass
23- Stop / Go Motor with Indicators
24- Small Electricity Generator
25- Storage and Use of Electricity

Requires No Soldering & Can Be Used Over and Over!
A Tremendous Educational Value!

33 in 1 Deluxe Electronic Exploration Kit



This exciting new breadboard kit requires no soldering or previous electronic experience. The kit enables anyone to build 33 different electronic experiments and activities. It's applicable for use in elementary grades up through college and is safe to use. The kit is meant to be used over and over again to save money. Not only is this kit complete with everything you need, but also the instruction booklet is designed so that even younger hobbyists or students can understand the concepts.

The experimentor builds and studies the first 11 instructional circuits which include theory and data facts along with a simple pencil activity quiz. The remaining 22 experiments for the experimentor are fun to build electronic circuits that have a parts list, schematic and parts placement drawing. These give an ample introduction to electronic components and circuitry.

Breadboard type kits have been around for years, however, ours is the first to incorporate an introduction to Ohm's law, electromagnet circuitry, motor circuitry, transistor circuitry, IC circuitry and 7 segment display circuitry all in **one** kit. There is now no need to have several different breadboard kits. One kit covers almost all aspects of basic electronic concepts and components.

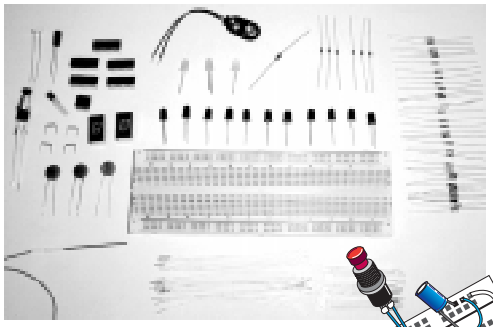
Not only does our *33 in 1 Deluxe Electronic Exploration Kit* introduce various electronic educational concepts but it is also a fun and interesting motivational activity for anyone. Complete with all electronic parts, breadboard and instruction booklet. Requires one 9V battery (not included).

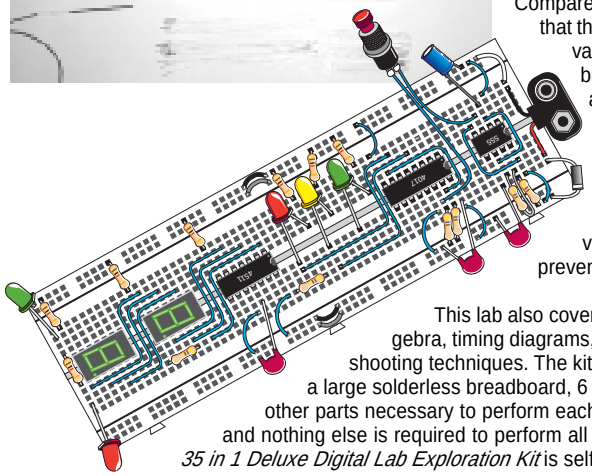
33-IN-1 DELUXE ELECTRONIC EXPLORATION KIT
C6709 $29.95

Check out the experiments / learning activities in the 33 in 1. Each one is designed to progress in an easy-to-follow and logical manner. Each experiment explores both meaningful and interesting topics:

INSTRUCTIONAL EXPERIMENTS:
1- Resistor Color Code
2- Ohm's Law & The Basic Electronic Circuit
3- Parallel Circuit with Lamp
4- Diode Action
5- LIght Emitting Diodes
6- Electromagnetism
7- Capacitance
8- Transistor Switch
9- Variable Resistor LED Dimmer
10- DC Motor Experiment
11- Transistor Oscillator
ELECTRONIC CONSTRUCTION ACTIVITIES:
12- 7 Segment Display Circuit
13- SCR Latching Switch
14- Conductor Identifier
15- 2 Transistor Audio Oscillator
16- Continuity Tester
17- Multivibrator LED Blinker
18- Insanity Alarm
19- Light Controlled Bird
20- Code Practice Oscillator
21- Magic LED Light
22- Water Alarm
23- Ticking Clock Sound
24- Phasor Ray Sound Generator
25- Emergency Siren
26- Adjustable Blinking Light & Sound
27- Timer with LED
28- Electronic Motor Speed Control
29- IC LED Flasher
30- IC Adjustable Frequency Sound Generator
31- IC Light Activated Wake Up Alarm
32- IC Two Color LED Flasher
33- IC Burglar Alarm

35 in 1 Deluxe Digital Lab Exploration Kit





This lab does not require soldering, is reusable, and contains 5 lessons and 30 meaningful and exciting digital experiments. The booklet is fully illustrated with easy-to-follow pictorial diagrams and schematics. It is designed so that the teacher does not need to be involved (unless he or she desires to be). It is applicable for use in junior high grades up through college.

All experiments operate on one 9V battery (not included) so there are no dangerous voltages involved. Compared to other similar digital labs, you will find that this lab is far superior in that it contains a wider variety of digital components, including a double binary counter and two 7-segment displays, allowing the students to build "0 to 99" digital counters instead of only "0 to 9". This lab also includes LEDs of three different colors (red, green, and yellow), and uses a uniform prewired breadboard system which is applied in each experiment, along with reverse polarity protection and a switch wire to prevent damage to the ICs or battery snap.

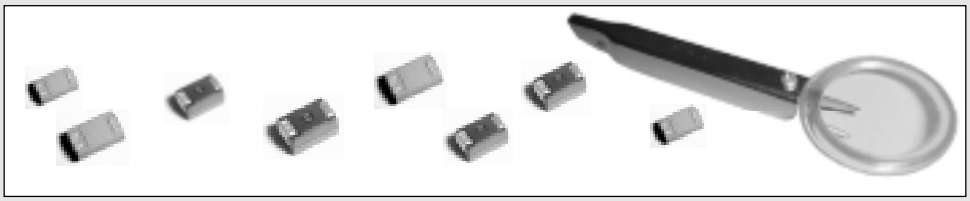
This lab also covers more digital topics such as Boolean algebra, timing diagrams, frequency and duty cycle formulas, troubleshooting techniques. The kit includes a 96 page, fully illustrated manual, a large solderless breadboard, 6 integrated circuits, a CDS photocell, plus all other parts necessary to perform each experiment. Just supply a fresh 9V battery and nothing else is required to perform all the experiments in the book. *The Complete 35 in 1 Deluxe Digital Lab Exploration Kit* is self-contained and ready-to-use!

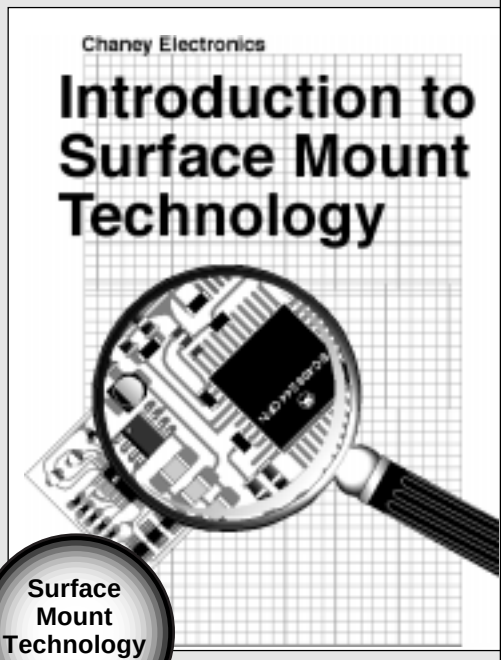
35-IN-1 DELUXE DIGITAL LAB EXPLORATION KIT
C6721 $45.50

Check out the experiments / learning activities in the 35 in 1. Each one is designed to progress in an easy-to-follow and logical manner. Each experiment explores both meaningful and interesting topics:

Tips On Building The Experiments
The Universal Solderless Breadboard
Lesson 1: Introduction To Digital Electronics
Lesson 2: Components, Gates and IC's
Lesson 3: Combinational & Sequential Circuits, Boolean Algebra And Timing Diagrams
Lesson 4: The Binary Numbering System
Lesson 5: Troubleshooting Techniques
Exp. 1: The Logic Probe: "The Tool"
Exp. 2: The YES Logic Circuit: "The Buffer"
Exp. 3: The NOT Logic Circuit: "The Inverter"
Exp. 4: The AND Logic Gate
Exp. 5: The OR Logic Gate
Exp. 6: The NAND Logic Gate
Exp. 7: The NOR Logic Gate
Exp. 8: Building The Six Basic Logic Gates Using Only NOR Gates
Exp. 9: "The Clock"- Astable Multivibrator
Exp. 10: The 555 Timer IC
Exp. 11: "The Timer" - Monostable Multivibrator
Exp. 12: "The Flip-Flop" - Bistable Multivibrator
Exp. 13: Reaction Challenge Game
Exp. 14: The Binary Counter/Divider
Exp. 15: Manual Binary Counter
Exp. 16. The BCD Counter (Decade Counter)
Exp. 17: Touch Activated ON/OFF Switch
Exp. 18: Seven Segment Display Decoder
Exp. 19: "0 to 9" Counter With Display
Exp. 20: Lucky Number Generator
Exp. 21: Electronic Die Game
Exp. 22: 0 To 9 Photoelectric Counter
Exp. 23: Sequential LED Flasher
Exp. 24: Triple Answer Decision Maker
Exp. 25: "10 by 10" Reaction Game
Exp. 26: Brightness Control Touch Switch
Exp. 27: Macho Meter
Exp. 28: "Go for the Gold" Game
Exp. 29: 0 To 99 Counter With Display
Exp. 30: 0 To 99 Photoelectric Counter

Intro to Surface Mount Technology





This Chaney Electronics Training Course will introduce you to the latest assembly technology known as "Surface Mount Technology". Surface mount technology uses tiny leadless components, known as surface mount devices (SMDs) which are quickly replacing standard electronic components. Currently most electronic equipment incorporates this exciting new technology.

By completing this course, you will learn concepts about surface mount technology (SMT) such as: the different types of surface mounts devices (SMDs), the various types of surface mount assemblies, the automated soldering methods, and all of the stages of the manual and automated assembly processes of surface mount circuits. You will gain experience identifying, soldering and using surface mount devices by physically building an actual working surface mount technology project.

This course is the perfect introduction to SMT and does not require any previous knowledge of this topic. The course is self-contained and reusable with the exception of the SMT project kit: "Deluxe SMD Learn to Solder Kit" (Stock #C6719) which may also be purchased separately. A small soldering iron with a fine point and some solder is all that is required to build the included kit.
We are offering this training course at an exceptional value. So please don't delay, order your Introduction to SMT Course today!

Introduction to Surface Mount Technology Training Course with Experimentation and Project Building comes with detailed instruction manual, identification parts (both SMD and Standard), one "Deluxe SMD Learn to Solder Kit," and a magnifier with tweezers (pictured above).

C6725 $28.95

Knobs

Set Screw Lever Knob

Black bakelight knob features set screw for mounting to any standard 1/4" dia. shaft. Lever type knob as found in older test equipment. New.
G13504 $2.00 ea.

0-10 Push On Instrument Knob

Black knob pushes onto "knurled" type 1/4" shaft and features the numbers 0-10 in white. These are found on many guitar amplifiers, instruments, appliances, etc. Overall size about 1.5"Dia.
G14804 59¢ ea.

Raytheon Military Precision Made Knobs (set screw types)

These were made by Raytheon and other high quality companies for use in military equipment. They are some of the best quality knobs you can purchase. Each has at least one set screw and some have two. All are brand new and 100% prime in every detail. We have types for 1/8" shafts and 1/4" shafts. All have metal interior sleeves for long life with plastic outer surfaces.

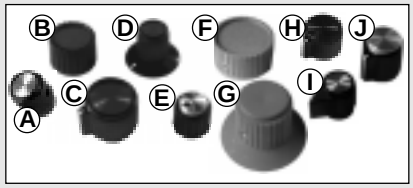
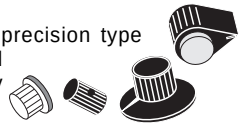


Fig.	Shaft	Description	Stock	Price
A	1/4"	Black/Silver	G14061	2/$1.00
B	1/4"	Black	G14473	$0.99
C	1/8"	Black w/white pointer	G14474	$0.99
D	1/8"	Black pointer	G14475	$0.99
E	1/8"	Black/Silver	G14476	$0.99
F	1/4"	Gray	G14477	$0.99
G	1/4"	Red	G14478	$0.99
H	1/4"	Black w/White pointer	G14480	$0.99
I	1/4"	Black/Silver	G14481	$0.99
J	1/4"	Black/Silver,White pointer	G14482	$0.99

Deluxe Raytheon Control Knob

Type TSA125–2WL-2 Raytheon control knob was precision made for military. Features stylish black base, brushed aluminum inset on top and white pointer. Set screw type for 1/4" shafts. Overall size about 1.17"Dia x .65"Thick. New in manufacture bags.
G15673 99¢ ea.

Deluxe Knob Assortment



These are 7 of the higher quality military and precision type knobs. All have set screw. Some are for the 2nd control on a dual control (has hole all the way through it). For 1/4" and 1/8" shafts.
G5303 $5.00

Precision Black and Silver Set Screw Knob

Nice quality heavy duty precision made knob for 1/4" shaft features 2 set screws to lock onto shaft. Has white pointer and aluminum insert. Size about 1.36"Dia. x .85"Tall. Made for U.S. government. Brand new!
G15349 $1.49 ea.

High Quality Knob Assortment

Great assortment of four high quality set screw knobs some with brushed aluminum accents. All are black in color and fit standard 1/4" shafts. Brand new and very nice. Knob assortments will vary from picture as there are many types!
G5086 $2.00

Standard Flashlight Bulb

Small clear glass round flashlight bulb operates from 1.5V and has a screw base. Perfect for replacement.
G3811 3/$1.00

1.5V Magnifying Lamp for Penlights

This small "screw in" base lamp features a small magnifying lens built into top. Operates on 1.5VDC (one "AA" or "AAA" battery) only. Do not exceed or it will burn out.
G15174 99¢ ea.

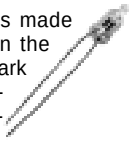
Flashing Lamp

Small screw in type base lamp features operation from 2.5V up to 3VDC and flashes brightly. Made by GE, type 401X.
G14305 3/99¢

Grain of Wheat Lamp

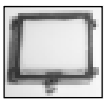
Operates from 9V up to 18V. Very tiny with 1 inch long wire leads. These are very reliable micro incandescent lamps that are used extensively in many types of electronic equipment.
G15581 4/99¢

Spark Gap Neon Tube



Small neon tube with long leads was made by NHK of Japan and has a label on the box that reads "GD412-200V±20% Spark Gap Neon". We are not sure of the application but we suspect the gas inside ionizes at 200 volts.
G14354 3/99¢

Tiny But Bright Rectangular Fluorescent Lamp



Bright white fluorescent lamp is only .85"L x .78"H (excluding glass seal tip) x .18" Thick. This lights up a nice bright white when connected to a high voltage. Its original use was for backlighting a small LCD display and it probably was a very costly item. Lamp has peel off backing to expose 2 adhesive pads on back for "press on" mounting, however this should be used in conjunction with the terminals to hold lamp in place. New-prime.
G13406 $1.99 ea.

Flashlight Lamp PR15

Standard bulb used in many common flashlights. These are very bright at 4.8V (3 cell flashlights) but also works fine in the 2 cell models.
G6744 2/$1.00

Lamp with Cord & Switch

Great item to make color organs or decorative lights. Consists of a 5' line cord with built-in on/off switch and a snap in C7 120VAC lamp installed. Cord plugs into standard AC outlet and even features a built-in fuse in the plug for safety.
G2121 $1.00

First Alert 120VAC Automatic Night Light

Plugs into standard 120VAC outlet and turns on automatically at night then off in the morning. Uses only 4Watts of electricity but provides a nice light for security. Buy several for use in bedrooms hallways, etc. Brand new!
G9333 $2.00 ea.

Prime Fluorescent Black Light Tubes

We made a special purchase of many of the most popular blacklight tubes and are passing the savings on to you! All tubes are brand new and are the Black Light Blue (BLB) type. Hurry - these won't last long.

	Part #	W	Base	Size	Stock #	Price
Type 1	F6T5BLB	6	G5	8 1/4" L x 5/8" Dia.	**G13241**	**$6.25 ea.**
Type 2	FL8T5BLB	8	G5	11 1/4" L x 5/8" Dia.	**G13243**	**$5.95 ea.**
Type 3	F10T8BLB	10	G13	12 3/4" L X 1" Dia.	**G13251**	**$10.50 ea.**
Type 4	F15T8BLB	15	G13	17" L x 1" Dia.	**G13258**	**$12.00 ea.**
Type 5	F20T8BLB	20	G13	23 1/4" L x 1" Dia.	**G13260**	**$14.00 ea.**

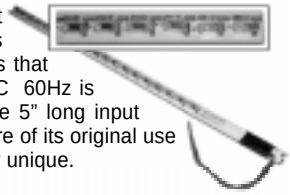
NE2 LAMP With 22K Resistor

Small neon lanp glows when connected to 120VAC. Droping resistor of 22KΩ is already attached to the bulb.
G15245 5/$1.00

Super Bright T1 2PIN Mini Bulb for 1 Cell Flashlights

Replaces all miniature incandescent bulbs in 1 "AA" or 1 "AAA" flashlights. High brightness type. Worth over $1.00 each.
G9306 4/$1.00
G9306A 100/$20.00
G9306B 1000/$150.00

Giant Neon Lamp Light Bar



This light bar is about 16"L x .67" wide. It has 20 bright neon lamps that ight up when 120VAC 60Hz is applied to the flexible 5" long input leads. We are not sure of its original use but it is new and very unique.
G15288 $7.95

6V 5Watt Quartz Halogen Bulb w/ Reflector

High quality halogen bulb type CM8-A281 MR-16 by Chicago Miniature features a chrome plated reflector and clear protective lens. Diameter of reflector is 1.94" x 1.44"Depth (excluding the two connection pins). Features bright white light spot output. Brand new- Special Price!
G14863 $1.99 ea.

12V 20Watt Quartz Halogen Bulb w/ Reflector

High quality halogen bulb type BAB/FG made by Chicago Miniature features a chrome plated reflector with clear lens that surrounds the halogen bulb. Diameter of reflector is 1.94" x 1.44"Depth (excluding the two connection pins). Features brilliant white spot output. Brand new- Special Price!
G14864 $1.99 ea.

Super Blacklight

Super power blacklight glows a deep purple and brilliantly lights blacklight posters, invisible ultraviolet inks, some currencies, certain minerals, etc. Unit is complete with a sophisticated circuit board and was designed for use by a cosmetic company for use in detecting skin problems. High quality completely assembled unit is about 7" L x 3" W x 2 1/4" D. It uses a 12VDC 500ma adapter (included) and its circuitry allows the unit to be turned on for one minute then it resets after another minute. The circuitry could possibly be modified for continuous on, however, we don't have any info. on how to do this or if it is even possible. We will tell you that the output of this is very bright and covers all of the longwave spectrum. Brand new in manufacturer box. Very unique and worth many, many times our price.
G9589 $6.95 ea.

"U" Tube Unfiltered Blacklight Tube

Unfiltered "U" Shaped fluorescent blacklight tube gives off a light purple glow when powered. Size about 5 7/8"Tall x 1 3/4" (at base). Brand new part # FTB8T6BL.
G14043 99¢ ea.

High Quality Fluorescent Magnifier Desk Lamp

Bright white fluorescent desk lamp features large 3 Diopter optical magnifier lens, 22Watt circline fluorescent tube, and weighted base with inches and mm markings. This lamp has all types of tilt/height adjustments to allow you to work on your small projects with ease. Once you try this, you'll never want to be without it! Base size is 7 1/4" x 11 1/2". Height is about 14". Overall diameter of top magnifier/tube assembly is about 8 1/2". Black color–brand new in retail box. Operates on standard 120VAC.
G12819 $69.95 ea.

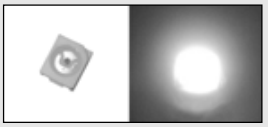
Panel Mounting 12VDC Flashing LED With Long Hookup Leads

Bright orange/red flashing LED can be mounted in a .25" hole and has 22" long insulated flexible leads. These are commonly used in cars as a "fake" car alarm armed indicator. No need to use an external resistor just connect orange lead to (+) and black lead to (-). Do not reverse leads as damage to LED will result. Brand new easy to use.
G14823 99¢ ea.

Panel Mount Snap-in Red Indicator

Made by Littlefuse, this "snap-in" indicator lights up a bright red when any AC or DC voltage in the range of 9 to 14 volts is applied. Mounts in a .35" hole, and has 8" long insulated leads. Requires about 30mA current. Littlefuse #970S00217.
G14875 99¢ ea.

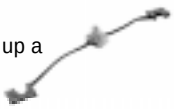
Blinding Output Blue SMD LEDs



These LEDs emit a brilliant light with a viewing angle of 120 degrees when 3V to 4.2VDC is applied. They feature a water clear lens and a .14" x .11" x .08" H white rectangular SMD case. Use a small tip low wattage soldering iron if you wish to solder leads to it. This is one of the lowest prices available anywhere for these high quality/output SMD LEDs. Makes great tiny book light for night reading when you use a 36Ω resistor in series with a 9V battery. Brand new- on tape and reel. Blue color is 470nm.

G13706 49¢ ea. • 10/$4.50 • 100/$42.00 • 2000/$780.00

Brilliant Green HP Micro SMD LED



Axial lead micro LED features crystal clear lens and lights up a brilliant green. These are on tape & reel and have a metal terminal on each end. The terminals are fine but the leads are tarnished from storage. HP part # HLMP-6505. Blowout price.

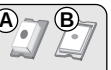
G14380 20/99¢

Bright Red Axial Micro LED

Axial lead micro LED lights up bright red. Features .12"L x .09" diffused red rectangular lens and .55"Long axial leads. Great for use where size is a premium but you don't want the hassle of using an SMD LED.

G15212 8/$1.00

Bright SMD Chip LEDs



Tiny leadless SMD LEDs. Each produces a bright glow. Very tiny and packaged on tape and reel.

Fig.	Color	Stock#	Price
A	Green	G9490	10/$1.00
B	Red	G9491	12/$1.00

Brilliant Green SMD LED by HP

Type HSMG-T400 green SMD LED features a tiny 3.5mm x 2.5mm SMD white case with clear lens. These light up brilliant green when 2.5V is applied. On tape and reel.

G15293 10/99¢

LEDs – T1 (3mm)

Bright Green 3.1mm LED

Nice even brightness, 40˚ viewing angle diffused green lens LED by Rohm. Type SLR-342MGT32 lights up a bright green with 3VDC applied. Prime - full length leads. Blowout price! On tape & Reel.

G13859 20/$1.00

G13859A Factory Reel of 2,000/$50.00

HP Brilliant T1 Red LED

Clear lens 3mm (T1) led by HP (part#HLMP-K105) lights up a brilliant red. Prime quality LED. We are not sure of the output but it's probably in the 500-1000MCD range.

G12868 5/$1.00

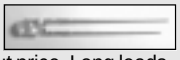
Brilliant Yellow T1 LED

Water clear lens T1 LED emits a brilliant yellow light. These are on tape and reel with full-length leads.

G4275 10/$1.00

G4275A 100/$8.00

Bright Orange-Red T1 LED



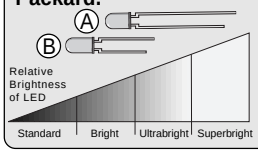
Clear lens T1 (3mm) LED lights up a bright orange red glow. Quality LED at a blowout price. Long leads.

G12968 10/$1.00

G12968A 100/$8.00

T1 LEDs (3mm)

PRIME! We sell only top quality LEDs by various manufacturers such as: **Toshiba, Sharp, Stanley, Liteon and Hewlett Packard.**



Stock#	Color	Lens	Brightness	Fig.	Price
G1011	Red	Diffused Red	Standard	A	9/$1.00
G5305	Yellow	Diffused Yellow	Standard	A	12/$1.00
G2386	Yellow	Milk White	Standard	B	7/$1.00
G3298	Yellow	Diffused Yellow	Bright	A	15/$1.00
G3298A	Yellow	Diffused Yellow	Bright	A	100/$6.00
G6164	Green	Diffused Green	Bright	B	6/$1.00
G6164A	Green	Diffused Green	Bright	B	100/$15.00
G8019	Green	See thru Green	Superbright	A	10/$1.00
G8300	Orange	Clear	Superbright	A*	10/$1.00
G8300A	Orange	Clear	Superbright	A*	100/$8.00

* Tape & reel

Stanley Super Bright T1 Red LEDs

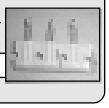
Low current high reliability T1 case red LED by Stanley. 6mcd@20mA typical output. Pastel diffused pinkish lens type. Peak wave length: 630nm, V_F=2.0V. These are brand new and very nice!

G7862 20/$1.00

G7862A Sealed Bag of 200 / $7.00

G78625B 5 Bags (1000) / $30.00

Crystal Clear Bright Orange T1 LED



Clear case T1 (3mm) LED lights up a bright orange color. New-on tape and reel.

G1650 20/$1.00

G1650A 100/$4.00

Bright Blue T1 LED

Prime bright blue LED type 264UBD features a light blue diffused lens. Brand new!

G9831 $1.00 ea.

Kingbright L1034GD-01 Factory Bag of 1000 Small Green LEDs

This LED has a unique shape with a tiny green 2mm see through green rod on top. This LED lights up bright green at 2.8V. These have .25"Long leads that have been formed for PC board mounting. Full factory bag of 1000 Kingbright L1034GD-01 LEDs.

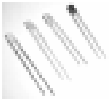
G15249 $15.00

Sharp GL4PR8 4mm Red LED

See thru red red lens LED by Sharp. Features full length leads and 4mm Dia. Lens.

G14669 25/99¢

Rainbow of Colors T1 LED Assortment



You get 4 bright colorful T1 3mm LEDS: one blue, one red, one green and one yellow. All prime and beautiful to look at when lit up!

G4256 $1.00

LEDs – T1 3/4 (5mm)

Blinding White LED 5000MCD

This is the brightest white LED we have. It produces a brilliant white output and operates from 3.2V up to 4VDC. Prime full length leads. Crystal clear lens.

G14420 99¢ ea.

Brillant White 5mm LED

Brilliant white 5mm (T1 3/4) water clear lens flangeless base LED features high output of about 3000MCD. V*f* = 3.0 to 3.6V, I*f* = 20mA. Prime, very good quality.

G15686 99¢ ea.

Factory Sealed Bag of 700 Pieces

G15687 $295.00

Ultrabright Jumbo Green LED

Crystal clear case 5mm jumbo LED lights up a bright green. Great for applications requiring a bright attention getting light. Long lead prime units.

G9979 10/$1.00

G9979A 100/$9.00

Clear Lens Green Blinking LED

Water clear T1 3/4 (5mm) LED blinks bright green when 5 to 9VDC is applied. Prime, full length leads.

G13832 2/$1.00

Clear Lens Yellow Blinking LED

Water clear T1 3/4 (5mm) LED blinks bright yellow when 5 to 9VDC is applied. Prime, full length leads.

G13831 2/$1.00

2500MCD Bright Yellow T1 3/4 LED

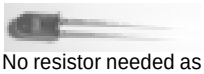
Water clear T1 3/4 (5mm) case LED by Agilent Technologies lights a blinding yellow color. Brand new on tape and reel at a blowout price! Part # QLMA-DL86.

G12860 2/$1.25

G12860A 10/$6.00

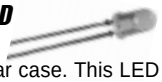
G12860B 100/$55.00

Jumbo T1 3/4 Orange Resistor LED



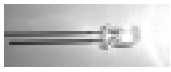
Simple to use LED, produces a nice orange glow when connected directly to a 9V battery. No resistor needed as it already has it built into the LED. Orange lens. Works from 6VDC up to 14 VDC.
G5613 4/$1.00

Brilliant Blue T1 3/4 5mm LED



Super bright T1 3/4 5mm blue LED features long leads and crystal clear case. This LED almost hurts your eyes if you look at it! Operates on 3.2 to 4.3V. Prime beautiful LED.
G14753 $1.29 ea.

2500 MCD Ultrabright Red LED



Crystal clear lens 5mm T1 3/4 LED light up a brilliant red beam. Factory prime LEDs with full length leads. Forward voltage 2.1V. Current 20mA. Min MCD 2000 - Maximum 3000 MCD (typical 2500). Viewing angle 26˚. Peak wavelength = 600nm.
G12704 89¢ ea.
10/$7.00 • 100/$55.00 • 1000/$450.00

Brilliant Orange-Red LED

Clear lens T1 3/4 5mm LED produces a blinding red/orange light. Minimum output 4000 MCD. Prime with full length leads.
G14341 5/99¢

HP Laser-Like LED

Type QLMP-3730.25 made by HP produces a brilliant red light from jumbo water clear magnifying lens. Size T1 3/4. These are very bright! Prime with 3/8" long leads.
G8413 5/$1.00

Powerful 5MM IR LED

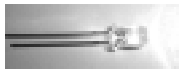
Pale see-thru grey case 5mm (T1 3/4) IR LED. Full length leads. Operates from 2.8VDC.
G13661 5/$1.00

HP High Quality T1 3/4 5mm Green LED

Diffused green lens LED by HP features long leads and nice green glow. Type HLMP 3507 features a luminous intensity of 5.2 mcd @ 10mA. Viewing angle 60˚. These are factory prime high quality LEDs.

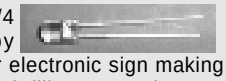
G13113	10/$1.00
G13113A	500/$35.00

3000 MCD Ultrabright Blue LED



Crystal clear lens 5mm T1 3/4 LED lights up with such a brilliant beam that you can't look directly at it. These are factory prime LEDs with full length leads. Current 20ma, forward voltage 3.2V to 4.3V, min MCD 2000 - maximum 3500 (typical 3000). Viewing angle 25˚. Wavelength= 470nm.
G12702 $2.39 ea.

Ultrabright Orange-Red 4000MCD LED



Blinding output T1 3/4 Jumbo LED made by Stanley for an Outdoor electronic sign making OEM. These are prime brilliant LEDs that can be seen in daylight. Crystal clear lens, 5mm size, with full length leads. Viewing angle 25˚. Forward voltage 2.1V. Prime.

G12766	5/$2.00
G12766A	Factory Bag of 1000/$250.00

Pure Orange 5mm T1 3/4 LED

Very nice clear lens LED lights up a nice orange color-not red-orange. Full length leads.
G14559 10/99¢

Ultrabright Large T1 3/4 5mm LEDs

Prime factory LEDs in a rainbow of colors! All have clear lens.

Stock#	Color	MCD	Voltage	Price
G12704	Red	2500MCD	2.1 to 2.7V	**$0.89**
G12768	Yellow	3000MCD	2.3 to 2.8V	**$2.00**
G12769	Green	3000MCD	3.2 to 4.3V	**$2.29**

Blinking 5mm Diffused Green LED

Bright green LED blinks when 3VDC to 5 VDC is applied. To use on 9VDC just connect a 100Ω resistor in series with one of the leads. Full length leads.
G15257 $1.00 ea.

The Blinder 5MM White LED

This white LED will have you seeing "spots" before your eyes if you look at it! It was made for an OEM that was making outdoor signs. It is brand new and features a 5MM (T1 3/4) crystal clear lens and long leads. We do not have the MCD rating but we suspect that it is over 3000. Operates on 4.0VDC. Brand new! Lowest price around on this high output white LED.
G13177 $1.99 ea.

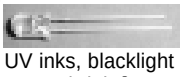
Panel Mount Red Indicator Light

Nice quality push-in panel mount indicator with built in red LED. This has a dropping resistor inside the indicator to allow operation from 12 to 24VDC.
G15312 99¢ ea.

Panel Mount Yellow Indicator Light

Nice quality push-in panel mount indicator with built in yellow LED. This has a dropping resistor inside the indicator to allow operation from 12 to 24VDC.
G15313 99¢ ea.

Super Bright Ultraviolet Purple 400-405mm LED



These are brilliant 400-405mm purple UV 5mm LEDs that are perfect for use in inspecting money, lighting up invisible UV inks, blacklight posters, etc. Crystal clear 5mm (T1 3/4 lens). This uses Cree Megabright® LED dice and features a forward current of 30mA, DC operating voltage of 3.7 to 4.5VDC. ***Note:*** *This LED produces intense ultraviolet light. Exposure to UV radiation can be harmful to your health. Protect your eyes and skin when operating. Buyer assumes all risks using this LED.* Prime- Brand new.
G13533 $2.49 ea.

Our Brightest 5mm Red LED

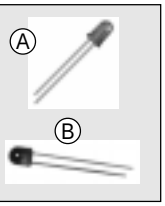
Clear lens 5mm LED illuminates a brilliant red when 3 volts is applied. Output must be several thousand MCD or better - we don't know. These are long lead prime LEDs at a blowout price!
G13899 4/$1.00

The Blinder Brilliant 5mm Red LED

These are blinding output 5mm (T1 3/4) clear lens LEDs. Each produces a brilliant red output with several thousand MCD output. These are prime LEDs on tape and reel with full length leads.
G13713 5/$1.00

T1 3/4 Jumbo LEDs (5mm)

Stock#	Color	Lens	Brightness	Fig.	Price
G1005	Red	Diffused Red	Standard	**A**	**7/$1.00**
G3297	Red	Diffused Red	Standard	**B**	**12/$1.00**
G5566	Red	Clear	Superbright	**A**	**3/$1.00**
G1007	Yellow	Diffused Yellow	Standard	**A**	**5/$1.00**
G1006	Green	Diffused Green	Standard	**A**	**5/$1.00**
G1006A	Green	Diffused Green	Standard	**A**	**100/$18.00**



HP Laserlike Brilliant Red LED

At 3VDC the output of this LED almost hurts your eyes. Great for when you need a real attention getter. Jumbo 5mm T1 3/4 water clear lens. Prime HP quality.

G8757	5/$1.00
G8757A	100/$22.00

LEDs – (8mm, 10mm, 20mm)

Blinding Output Giant 10mm Blue LED

Brilliant 10mm Blue LED operates from 3.6V to 4.0VDC @ 25mA and produces a blinding blue light. Crystal clear lens and full length leads. The MCD on these is 6000. The viewing angle is 15˚ and the wavelength is 470mm. Prime factory stock.
G13505 $4.95 ea.

Blinding Output Giant 10mm White LED

Brilliant 10mm white LED operates from 3.6V to 4.0VDC @ 25mA and produces a blinding white light. Crystal clear lens and full length leads. The MCD on these is 9000. The viewing angle is 15˚. Prime factory stock.
G13501 $5.95 ea.

Giant 10mm Blinking Red LED

Super large 10mm LED features crystal clear lens. Blinks bright red when 5 to 9VDC is applied. Prime, full length leads.
G13830 $1.29 ea.
10/$10.00 • 100/$75.00

Giant 10mm LED Color Assortment

We have taken 1 each of our very popular giant 10mm clear lens LEDs and packaged them in this special combination. You get almost $12 worth of LEDs for this special price. Check the **G13501** and **G13505** for full specs on the individual LEDs. Remember you get 1 red, 1 white, and 1 blue 10mm giant LEDs.
G13136 $8.95